



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: May 9, 2019

Effective Date: May 9, 2019

Expiration Date: May 8, 2024

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V Permit No: 15-00043

Federal Tax Id - Plant Code: 23-3102655-24

Owner Information

Name: SUNOCO PARTNERS MKT & TERMLP
Mailing Address: 41 MALIN RD
MALVERN, PA 19355-1767

Plant Information

Plant: SUNOCO PARTNERS MKT & TERMLP/MALVERN TERM
Location: 15 Chester County 15925 East Whiteland Township
SIC Code: 5171 Wholesale Trade - Petroleum Bulk Stations And Terminals

Responsible Official

Name: JACOLYN ABDALA
Title: SPVSR TERMOPS
Phone: (610) 859 - 5752

Permit Contact Person

Name: MARGUERITE PORRINI
Title: ENV. SPECIALIST
Phone: (610) 859 - 5428

[Signature] _____
JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



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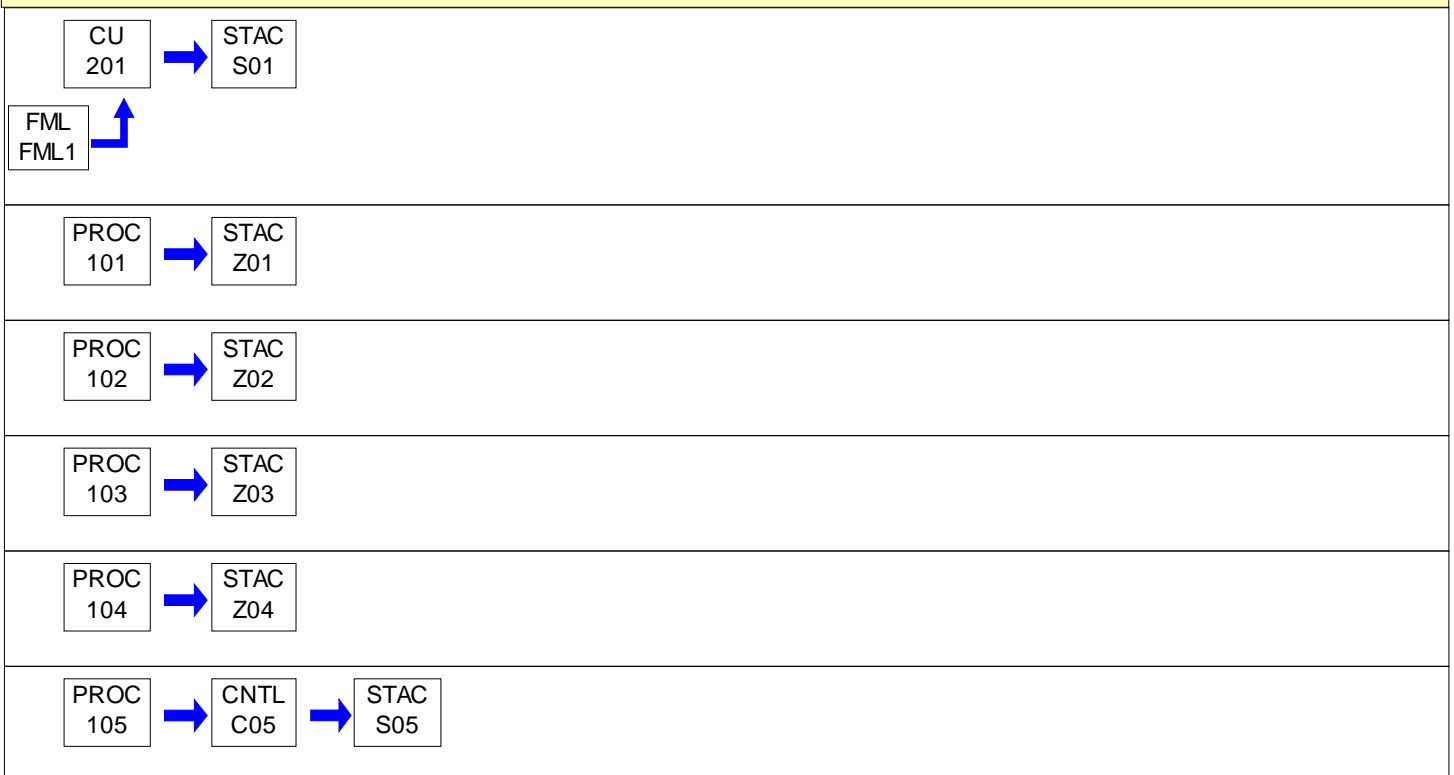
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SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
201	SMITH BOILER	4.500 Gal/HR	#2 Oil
101	TANK 14: 420,000 GAL	N/A	GASOLINE
102	TANK 13: 840,000 GAL	N/A	GASOLINE
103	TANK 10: 210,000 GAL	N/A	GASOLINE
104	TANK 12: 420,000 GAL	N/A	GASOLINE
105	GASOLINE LOADING RACK	N/A	GASOLINE/DISTILLATE
106	TANK 11: 840,000 GAL	N/A	GASOLINE
107	FUGITIVE EMISSIONS		
108	EQUIPMENT IN GASOLINE SERVICE		
708	OIL/WATER SEPARATOR		
C05	MCGILL VAPOR RECOVERY UNIT	N/A	GASOLINE AND DISTILLA
FML1	NO. 2 FUEL OIL		
S01	SMITH BOILER STACK		
S05	LOADING RACK STACK		
Z01	TANK 14 FUGITIVE		
Z02	TANK 13 FUGITIVE		
Z03	TANK 10 FUGITIVE		
Z04	TANK 12 FUGITIVE		
Z06	TANK 11 FUGITIVE		
Z07	FUGITIVE		
Z08	GASOLINE SERVICE FUGITIVE		

PERMIT MAPS





PERMIT MAPS

PROC 106 → STAC Z06

PROC 107 → STAC Z07

PROC 108 → STAC Z08

**SECTION B. General Title V Requirements****#001 [25 Pa. Code § 121.1]****Definitions**

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 121.7]**Prohibition of Air Pollution**

No person may permit air pollution as that term is defined in the act.

#003 [25 Pa. Code § 127.512(c)(4)]**Property Rights**

This permit does not convey property rights of any sort, or any exclusive privileges.

#004 [25 Pa. Code § 127.446(a) and (c)]**Permit Expiration**

This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

#005 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503]**Permit Renewal**

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term.

(c) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information during the permit renewal process. The permittee shall also promptly provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

#006 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]**Transfer of Ownership or Operational Control**

(a) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership or operational control of the source shall be treated as an administrative amendment if:

(1) The Department determines that no other change in the permit is necessary;

(2) A written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee; and,

(3) A compliance review form has been submitted to the Department and the permit transfer has been approved by the Department.

**SECTION B. General Title V Requirements**

(b) In accordance with 25 Pa. Code § 127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

#007 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]**Inspection and Entry**

(a) Upon presentation of credentials and other documents as may be required by law for inspection and entry purposes, the permittee shall allow the Department of Environmental Protection or authorized representatives of the Department to perform the following:

- (1) Enter at reasonable times upon the permittee's premises where a Title V source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;
- (2) Have access to and copy or remove, at reasonable times, records that are kept under the conditions of this permit;
- (3) Inspect at reasonable times, facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;
- (4) Sample or monitor, at reasonable times, substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#008 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]**Compliance Requirements**

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following:

- (1) Enforcement action
- (2) Permit termination, revocation and reissuance or modification
- (3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source, which is subject to 25 Pa. Code Article III, unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued to the source are operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this Title V permit.

#009 [25 Pa. Code § 127.512(c)(2)]**Need to Halt or Reduce Activity Not a Defense**

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

#010 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]**Duty to Provide Information**

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or

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to determine compliance with the permit.

(b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

#011 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]**Reopening and Revising the Title V Permit for Cause**

(a) This Title V permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay a permit condition.

(b) This permit may be reopened, revised and reissued prior to expiration of the permit under one or more of the following circumstances:

(1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of three (3) or more years prior to the expiration date of this permit. The Department will revise the permit as expeditiously as practicable but not later than 18 months after promulgation of the applicable standards or regulations. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.

(2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.

(3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.

(d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

#012 [25 Pa. Code § 127.543]**Reopening a Title V Permit for Cause by EPA**

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

#013 [25 Pa. Code § 127.522(a)]**Operating Permit Application Review by the EPA**

The applicant may be required by the Department to provide a copy of the permit application, including the compliance plan, directly to the Administrator of the EPA. Copies of title V permit applications to EPA, pursuant to 25 PA Code §127.522(a), shall be submitted, if required, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#014 [25 Pa. Code § 127.541]**Significant Operating Permit Modifications**

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with

**SECTION B. General Title V Requirements**

25 Pa. Code § 127.541. Notifications to EPA, pursuant to 25 PA Code §127.522(a), if required, shall be submitted, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#015 [25 Pa. Code §§ 121.1 & 127.462]**Minor Operating Permit Modifications**

The permittee may make minor operating permit modifications (as defined in 25 Pa. Code §121.1), on an expedited basis, in accordance with 25 Pa. Code §127.462 (relating to minor operating permit modifications). Notifications to EPA, pursuant to 25 PA Code §127.462(c), if required, shall be submitted, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#016 [25 Pa. Code § 127.450]**Administrative Operating Permit Amendments**

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code §127.450(a). Copies of request for administrative permit amendment to EPA, pursuant to 25 PA Code §127.450(c)(1), if required, shall be submitted to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

(b) Upon final action by the Department granting a request for an administrative operating permit amendment covered under §127.450(a)(5), the permit shield provisions in 25 Pa. Code § 127.516 (relating to permit shield) shall apply to administrative permit amendments incorporated in this Title V Permit in accordance with §127.450(c), unless precluded by the Clean Air Act or the regulations thereunder.

#017 [25 Pa. Code § 127.512(b)]**Severability Clause**

The provisions of this permit are severable, and if any provision of this permit is determined by the Environmental Hearing Board or a court of competent jurisdiction, or US EPA to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#018 [25 Pa. Code §§ 127.704, 127.705 & 127.707]**Fee Payment**

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees).

(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual Title V emission fees for emissions occurring in the previous calendar year as specified in 25 Pa. Code § 127.705. The permittee is not required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant emitted from the facility.

(c) As used in this permit condition, the term "regulated pollutant" is defined as a VOC, each pollutant regulated under Sections 111 and 112 of the Clean Air Act and each pollutant for which a National Ambient Air Quality Standard has been promulgated, except that carbon monoxide is excluded.

(d) Late Payment. Late payment of emission fees will subject the permittee to the penalties prescribed in 25 Pa. Code § 127.707 and may result in the suspension or termination of the Title V permit. The permittee shall pay a penalty of fifty percent (50%) of the fee amount, plus interest on the fee amount computed in accordance with 26 U.S.C.A. § 6621(a)(2) from the date the emission fee should have been paid in accordance with the time frame specified in 25 Pa. Code § 127.705(c).

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(e) The permittee shall pay an annual operating permit administration fee according to the fee schedule established in 25 Pa. Code § 127.704(c) if the facility, identified in Subparagraph (iv) of the definition of the term "Title V facility" in 25 Pa. Code § 121.1, is subject to Title V after the EPA Administrator completes a rulemaking requiring regulation of those sources under Title V of the Clean Air Act.

(f) This permit condition does not apply to a Title V facility which qualifies for exemption from emission fees under 35 P.S. § 4006.3(f).

#019 [25 Pa. Code §§ 127.14(b) & 127.449]**Authorization for De Minimis Emission Increases**

(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written notice before commencing any de minimis emissions increase that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or (2) the construction, installation, modification or reactivation of an air contamination source. The written notice shall:

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

The Department may disapprove or condition de minimis emission increases at any time.

(b) Except as provided below in (c) and (d) of this permit condition, the permittee is authorized during the term of this permit to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility, liquefied petroleum gas or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code § 123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

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(5) Laboratory equipment used exclusively for chemical or physical analysis.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (b)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to the changes made under 25 Pa. Code § 127.449 (relating to de minimis emission increases).

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#020 [25 Pa. Code §§ 127.11a & 127.215]**Reactivation of Sources**

(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

#021 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department,

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the device or technique may be used for control of malodors.

#022 [25 Pa. Code §§ 127.402(d) & 127.513(1)]**Submissions**

(a) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given on the permit transmittal letter,
or otherwise notified)

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

Office of Air Enforcement and Compliance Assistance (3AP20)
United States Environmental Protection Agency
Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d). Unless otherwise required by the Clean Air Act or regulations adopted thereunder, this certification and any other certification required pursuant to this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

#023 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]**Sampling, Testing and Monitoring Procedures**

(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) The sampling, testing and monitoring required under the applicable requirements of this permit, shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139 unless alternative methodology is required by the Clean Air Act (including §§ 114(a)(3) and 504(b)) and regulations adopted thereunder.

#024 [25 Pa. Code §§ 127.511 & Chapter 135]**Recordkeeping Requirements**

(a) The permittee shall maintain and make available, upon request by the Department, records of required monitoring information that include the following:

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.
- (5) The results of the analyses.
- (6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of the required monitoring data and supporting information for at least five (5) years from the date of the monitoring sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

**SECTION B. General Title V Requirements**

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

#025 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]**Reporting Requirements**

(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) Pursuant to 25 Pa. Code § 127.511(c), the permittee shall submit reports of required monitoring at least every six (6) months unless otherwise specified in this permit. Instances of deviations (as defined in 25 Pa. Code § 121.1) from permit requirements shall be clearly identified in the reports. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventative measures taken, except that sources with continuous emission monitoring systems shall report according to the protocol established and approved by the Department for the source. The required reports shall be certified by a responsible official.

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #022(c) of this permit.

(d) Any records, reports or information obtained by the Department or referred to in a public hearing shall be made available to the public by the Department except for such records, reports or information for which the permittee has shown cause that the documents should be considered confidential and protected from disclosure to the public under Section 4013.2 of the Air Pollution Control Act and consistent with Sections 112(d) and 114(c) of the Clean Air Act and 25 Pa. Code § 127.411(d). The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

#026 [25 Pa. Code § 127.513]**Compliance Certification**

(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, including the emission limitations, standards or work practices. This certification shall include:

- (1) The identification of each term or condition of the permit that is the basis of the certification.
- (2) The compliance status.
- (3) The methods used for determining the compliance status of the source, currently and over the reporting period.
- (4) Whether compliance was continuous or intermittent.

(b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department and EPA in accordance with the submission requirements specified in condition #022 of this section.

#027 [25 Pa. Code § 127.3]**Operational Flexibility**

The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and Section 6.1(i) of the Air Pollution Control Act:

- (1) Section 127.14 (relating to exemptions)

SECTION B. General Title V Requirements

- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)
- (6) Section 127.462 (relating to minor operating permit amendments)
- (7) Subchapter H (relating to general plan approvals and operating permits)

#028 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]**Risk Management**

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the Title V facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:

- (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d) If the Title V facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

(1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

(e) If the Title V facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

(f) When the Title V facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if:

- (1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

SECTION B. General Title V Requirements

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Condition #26 of Section B of this Title V permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#029 [25 Pa. Code § 127.512(e)]**Approved Economic Incentives and Emission Trading Programs**

No permit revision shall be required under approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this Title V permit.

#030 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]**Permit Shield**

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code § 121.1) as of the date of permit issuance if either of the following applies:

(1) The applicable requirements are included and are specifically identified in this permit.

(2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.

(2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.

(4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department incorporating a significant permit modification in this Title V Permit shall be covered by the permit shield at the time that the permit containing the significant modification is issued.

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

No person may permit the emission into the outdoor atmosphere of fugitive air contaminant from a source other than the following:

- (a) construction or demolition of buildings or structures;
- (b) grading, paving and maintenance of roads and streets;
- (c) use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets;
- (d) clearing of land;
- (e) stockpiling of materials;
- (f) open burning operations, as specified in 25 Pa. Code § 129.14;
- (g) sources and classes of sources other than those identified in (a)-(f), above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (1) the emissions are of minor significance with respect to causing air pollution; and
 - (2) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

002 [25 Pa. Code §123.2]**Fugitive particulate matter**

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001(a) -- (g) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.31]**Limitations**

A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

004 [25 Pa. Code §123.41]**Limitations**

A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (a) equal to or greater than 20% for a period or periods aggregating more than three minutes in any one hour; or
- (b) equal to or greater than 60% at any time.

005 [25 Pa. Code §123.42]**Exceptions**

The limitations of Condition #004, of this Section, shall not apply to a visible emission in either of the following instances:

- (a) when the presence of uncombined water is the only reason for failure to meet the limitations; or
- (b) when the emission results from the sources specified in Condition #001, of this Section.

006 [25 Pa. Code §121.7]**Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. Section 4003).

007 Elective Restriction

To escape the Gasoline Distribution MACT, 40 CFR Part 63 Subpart R requirements, the permittee has opted to meet the following requirements:

- (a) The total Volatile Organic Compounds (VOC) emissions from the facility shall not exceed 114.35 tons in any twelve month rolling period.
- (b) The total emissions of any individual HAP, as identified in Title III, Section 112(b) of the Clean Air Act, from the facility during gasoline loading operations shall, during any consecutive twelve (12) month period, not exceed ten (10) tons.

**SECTION C. Site Level Requirements**

(c) The combined emissions of all individual HAPs defined under subsection (b) of this paragraph shall, during any consecutive twelve (12) month period, not exceed twenty-five (25) tons.

II. TESTING REQUIREMENTS.**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

- (a) If at any time the Department has cause to believe that air contaminant emissions from any source(s) listed in Section A, of this Permit, may be in excess of the limitations specified in this Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).
- (b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

009 elective restriction

- (a) To ensure the practical enforceability of the annual Hazardous Air Pollutants (HAP) emissions limit, the permittee shall, on a quarterly basis, perform tests of all petroleum liquids being stored and distributed at the facility, using Department approved methods, in order to determine the HAP content of each.
- (b) The quarterly testing of a petroleum liquid may be waived if the HAP content of the liquid can be demonstrated from documentation provided by the manufacturer (i.e. Material Safety Data Sheets, manufacturer testing results, etc.).

III. MONITORING REQUIREMENTS.**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511]

- (a) The permittee shall monitor the facility, once per operating day when manned, for the following:
- (1) odors which may be objectionable (as per 25 Pa. Code §123.31);
 - (2) visible emissions (as per 25 Pa. Code §§123.41 and 123.42); and
 - (3) fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).
- (b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:
- (1) be investigated;
 - (2) be reported to the facility management, or individual(s) designated by the permittee;
 - (3) have appropriate corrective action taken (for emissions that originate on-site); and
 - (4) be recorded in a permanent written log.
- (c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly for the next six month period.
- (d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.
- (e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification, complaints, monitoring results, and/or Department findings.

011 [25 Pa. Code §123.43]**Measuring techniques**

Visible emissions may be measured using either of the following:

**SECTION C. Site Level Requirements**

- (a) a device approved by the Department and maintained to provide accurate opacity measurements; or
- (b) observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

IV. RECORDKEEPING REQUIREMENTS.**# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.62.]

- (a) The permittee shall maintain records of any release of gasoline that is not under control, not completely contained and not completely recovered or removed within 24 hours of its occurrence.

A release is defined as, but not limited to:

- (1) more than twenty-five (25) gallons to a containment area, structure or facility around an above ground storage tank;
- (2) more than five (5) gallons to a synthetic surface, such as asphalt or concrete; or
- (3) more than one (1) gallon to surface soils.

- (b) The permittee shall describe to the extent information is available:

- (1) the quantity of substance involved;
- (2) date and time the release occurred; and
- (3) interim remedial action planned, initiated, and/or completed.

013 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511.]

- (a) All required records shall be in a format consistent with and approved by the Department.
- (b) The permittee shall calculate and keep records of total VOC and HAPs emissions from this facility monthly, on a 12-month rolling sum basis.

014 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511.]

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

- (a) date, time, and location of the incident(s);
- (b) the cause of the event; and
- (c) the corrective action taken, if necessary, to abate the situation and prevent future occurrences.

015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]**Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my recordkeeping requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

For Source IDs 101, 102, 103, 104, 105, 106, 108 and C05, the permittee shall keep the following records as specified in 40 CFR § 63.11094(g):

- (a) records of the occurrence and duration of each malfunction of operation; and
- (b) records of actions taken during periods of malfunction to minimize emissions, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

**SECTION C. Site Level Requirements****# 016 elective restriction**

The permittee shall maintain records of the quarterly testings of the petroleum liquid stored and distributed at the facility.

V. REPORTING REQUIREMENTS.**# 017 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511.]

- (a) The permittee shall, within two (2) hours of discovery of any occurrence, notify the Department, at (484) 250-5920, of any malfunction of the source(s) or associated air pollution control devices listed in Section A, of this permit, which results in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in this permit, or of a regulation contained in 25 Pa. Code Article III.
- (b) Malfunction(s) which occur at this facility, and pose(s) an imminent danger to public health, safety, welfare and the environment, and would violate permit conditions if the source were to continue to operate after the malfunction, shall immediately be reported to the Department by telephone at the above number.
- (c) A written report shall be submitted to the Department within two (2) working days following the notification of the incident, and shall describe the following:
- (1) the malfunction(s);
 - (2) the emission(s);
 - (3) the duration; and
 - (4) any corrective action taken.

018 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.62.]

- (a) The permittee shall notify the Department, as soon as practicable, of the following releases of gasoline that is not under control, not completely contained and not completely recovered or removed within 2 hours after the confirmation of a reportable release:
- (1) more than twenty-five (25) gallons to a containment area, structure or facility around an above ground storage tank; or
 - (2) more than five (5) gallons to a synthetic surface, such as asphalt or concrete,
- (b) The permittee shall describe to the extent information is available:
- (1) the quantity of substance involved;
 - (2) date and time the release occurred; and
 - (3) interim remedial action planned, initiated, and/or completed.

019 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511(c).]

The permittee shall submit the following reports:

- (a) An annual certificate of compliance, due by January 30th of each year, for the period covering January 1 through December 31 of the previous year. This certification of compliance shall document compliance with all permit terms and conditions set forth in this Title V permit as required under Condition #24 of Section B, of the permit. The annual certificate of compliance shall be submitted to the Department in paper form and to the EPA Region III in electronic form at the following email address:

R3_APD_Permits@EPA.gov

- (b) A semiannual deviation report, due by July 30th of each year, for the period covering January 1 through June 30 of the same year. Note, the Annual Certification of compliance fulfills the second reporting period (July 1 through December 31).

[Compliance with the submittal dates specified under this condition assures compliance with 40 CFR Part 63 § 63.11095.]

**SECTION C. Site Level Requirements****# 020 [25 Pa. Code §135.21]****Emission statements**

The permittee shall submit by March 1, of each year, an annual emission statement for the preceding calendar year.

021 [25 Pa. Code §135.3]**Reporting**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

If the permittee has been previously advised by the Department to submit a source report, the permittee shall submit by March 1, of each year, a source report for the preceding calendar year. The report shall include information from all previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported, including those sources listed in the Miscellaneous Section of this permit.

The permittee may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

022 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11093]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What notifications must I submit and when?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

For Source IDs 101, 102, 103, 104, 105, 106, 108 and C05, the permittee must submit additional notifications specified in 40 CFR § 63.9, as applicable.

023 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11095]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my reporting requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

For Source IDs 101, 102, 103, 104, 105, 106, 108 and C05, the permittee shall

(a) Submit a semiannual compliance report to the Department, including the information as specified below:

- (1) for each gasoline storage tank, its compliance status as specified per Option 2(d) in Table 1 of 40 CFR 63, Subpart BBBBBB;
- (2) for loading rack, each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained;
- (3) for equipment leak inspection, the number of equipment leaks not repaired within 15 days after detection; or
- (4) for Vapor Recovery Unit (VRU) and continuous monitoring system (CMS), the results of any performance tests, and CMS performance evaluations, and/or other monitoring procedures or methods that were conducted.

The semiannual compliance reports are due by January 30th and July 30th of each year.

(b) Submit an excess emissions report to the Department at the time the semiannual compliance report is submitted. If no excess emission events have occurred during the previous 6-month period, no report is required. Excess emissions events and the information to be included in the excess emissions report, are as follows:

- (1) each instance of a non-vapor-tight gasoline cargo tank loading at the facility in which the permittee failed to take steps to assure that such cargo tank would not be reloaded before vapor tightness documentation was obtained.
- (2) each reloading of a non-vapor-tight gasoline cargo tank at the facility before vapor tightness documentation for that cargo tank is obtained by the facility.
- (3) each exceedance or failure to maintain the monitored operating parameter value for the vapor collection and continuous monitoring systems (VRU and CMS). The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred, and a description and timing of the steps taken to repair or perform maintenance.

SECTION C. Site Level Requirements

(4) for each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection:

- (i) the date on which the leak was detected;
- (ii) the date of each attempt to repair the leak;
- (iii) the reasons for the delay of repair; and
- (iv) the date of successful repair.

(c) Submit a malfunction report to the Department at the time the semiannual compliance report is submitted. If no malfunction events have occurred during the reporting period, no report is required. The reports shall include the following:

- (1) the number, duration, and a brief description of each type of malfunction; and
- (2) a description of actions taken during a malfunction of each source to minimize emission(s), including actions taken to correct a malfunction.

024 elective restriction

(a) The actual emissions of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs) from the storage tanks and the loading racks shall be determined and reported using the latest EPA methods, or the latest stack test results.

(b) Any changes in the calculation method used in paragraph (a) above, shall be subject to approval by the Department.

VI. WORK PRACTICE REQUIREMENTS.**# 025 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified in Condition #001(a) -- (i), above, shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following

- (a) use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land;
- (b) application of asphalt, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts;
- (c) paving and maintenance of roadways; and
- (d) prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or by other means.

026 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee may not modify any air contaminant system identified in this permit, prior to obtaining Department approval, except those modifications authorized by Condition #017(g), of Section B, of this permit.

027 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512(h).]

The permittee shall immediately implement measures, including the installation of air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in Section A of this permit is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to, 25 Pa. Code Article III or any other applicable rule promulgated under the Clean Air Act.

028 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee shall ensure that the source(s) and air pollution control device(s), listed in Section A and Section G, where

**SECTION C. Site Level Requirements**

applicable, of this permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications.

029 [25 Pa. Code §129.14]**Open burning operations**

The permittee may not permit the open burning of material in the Southeast Air Basin, except when the open burning results from:

- (a) a fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer;
- (b) any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department;
- (c) a fire set solely for cooking food;
- (d) a fire set solely for recreational or ceremonial purposes; or
- (e) a fire set for the prevention and control of disease or pests, when approved by the Department.

030 [25 Pa. Code §129.62]**General standards for bulk gasoline terminals/plants, and small gasoline storage tanks**

Gasoline shall not be spilled or discarded in sewers or stored in open containers or handled in a manner that would result in uncontrolled evaporation to the atmosphere.

VII. ADDITIONAL REQUIREMENTS.**# 031 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11085]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my general duties to minimize emissions?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

For Source IDs 101, 102, 103, 104, 105, 106, 108 and C05, the permittee shall;

- (a) operate and maintain, at all times, the equipment in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Department, which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source; and
- (b) keep applicable records and submit reports as specified in 40 CFR §§ 63.11094(g) and 63.11095(d).

032 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11098]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What parts of the General Provisions apply to me?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

For Source IDs 101, 102, 103, 104, 105, 106, 108 and C05, the permittee shall comply with all applicable General Provisions specified in Table 3 of 40 CFR 63, Subpart BBBBBB.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IX. COMPLIANCE SCHEDULE.

#033 10-JAN-18

The storage tanks (Source IDs: 101, 103, 104 and 106) shall be in compliance with all applicable requirements of 40 CFR 63 Subpart BBBBBB on or before January 10, 2018.

***** Permit Shield In Effect *****

SECTION D. Source Level Requirements

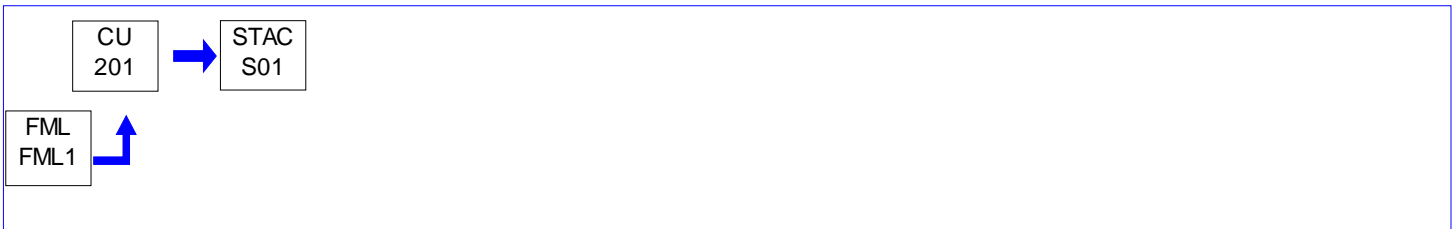
Source ID: 201

Source Name: SMITH BOILER

Source Capacity/Throughput:

4.500 Gal/HR

#2 Oil

**I. RESTRICTIONS.****Fuel Restriction(s).****# 001 [25 Pa. Code §123.22]****Combustion units**

No person may, at any time, offer for sale, deliver for use, exchange in trade or permit the use of commercial fuel oil for use in combustion units in the Southeast Pennsylvania air basin which contains sulfur in excess of 0.05% by weight, pursuant to 25 Pa. Code § 123.22(e)(2).

Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 123.22(e)(1).

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall use No. 2 fuel oil only for this boiler.

II. TESTING REQUIREMENTS.**# 003 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

(a) The following are applicable to the analysis of commercial fuel oil:

(1) the fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code § 139.4(10) (relating to references);

(2) test methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15); and

(3) results shall be reported in accordance with the units specified in 25 Pa. Code § 123.22 (relating to combustion units).

(b) The requirements in subpart (a), above, shall be waived in the event that a delivery receipt from the supplier, showing the maximum percent sulfur in the fuel, is obtained each time a fuel oil delivery is made.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

For this source, the permittee shall monitor the following, on a monthly basis:

(a) hours of operation; and

(b) amount of fuel consumed.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

For this source, the permittee shall maintain records of the following, on a monthly basis:

(a) hours of operation; and

**SECTION D. Source Level Requirements**

(b) amount of fuel consumed.

006 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee may obtain from the fuel supplier, a delivery receipt that certifies the sulfur content, by weight, is less than or equal to the sulfur limit specified in this Operating Permit when a delivery is made. The receipts must be maintained onsite for a period of 5 years.

In the event that a delivery is made, and no receipt is obtained, the permittee shall perform testing in accordance with the testing requirements, under this source.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11223]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate continuous compliance with the work practice and management practice standards?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall maintain on-site and submit, if requested by the Administrator, the following records;

- (a) the concentrations of CO in the effluent stream in ppmv, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler;
- (b) a description of any corrective actions taken as a part of the tune-up of the boiler; and
- (c) the amount of fuel used over the twelve (12) months prior to the tune-up of the boiler.

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

- (a) The permittee shall keep records of the boiler tune-up procedures and results to demonstrate continuous compliance with 40 CFR 63 Subpart JJJJJJ, including a description of any corrective actions taken as a part of the tune-up of the boiler, and amount and types of fuel used over the 12-months prior to the tune-up.
- (b) At a minimum, the permittee shall keep the records for each required inspection and/or monitoring, as specified below:
 - (1) the date, and time of the event;
 - (2) person conducting the inspection and monitoring;
 - (3) technique or method used;
 - (4) operating conditions during the activity;
 - (5) results, including the date, time, and duration of the period from the time the monitoring indicated a problem to the time that monitoring indicated proper operation; and
 - (6) maintenance or corrective action taken (if applicable).

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

The permittee shall maintain the following records:

- (a) each notification and report submitted to comply with this subpart requirements;
- (b) all documentation supporting any Initial Notification or Notification of Compliance Status;
- (c) dates and procedures of each tune-up, management practices; and
- (d) occurrence and duration of each malfunction of the boiler and actions taken to correct each malfunction.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

If the permittee switches fuels to the boiler and the change results in the applicability of a different subcategory within subpart JJJJJJ (switching out of subpart JJJJJJ due to a change to 100 percent natural gas), notice of the date upon which the permittee switched fuels shall be provided within thirty (30) days of the change. The notification must identify:

- (a) the name of the owner or operator of the affected source, the location of the source, the boiler(s) that have switched fuels, and the date of the notice; and
- (b) the date upon which the fuel switch occurred.

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

(a) The permittee shall prepare and submit the Notification of Compliance Status report to the Department and US EPA. The permittee shall submit this notification to US EPA electronically, using the Compliance and Emissions Data reporting Interface (CEDRI) that is accessed through the EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). If the reporting form is not available at the time that the report is due, the written notification must be submitted to the following address:

Director, Air Protection Division
US EPA Region III
1650 Arch Street
Philadelphia, Pa 19103

- (b) The permittee shall prepare subsequent compliance reports once every five (5) years, in accordance with 40 CFR § 63.11225(b)(1)&(2). The reports shall be submitted to US EPA and the Department upon request.
- (c) The Notification of Compliance Status and Compliance reports shall include, at a minimum, the following:
 - (1) company name and address;
 - (2) the responsible official's name, title, phone number, email address, and signature; and
 - (3) a statement by a responsible official, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart. The statement shall include the following:
 - (i) this boiler complies with the requirements in 40 CFR § 63.11223 to conduct an initial (or 5-year) performance tune-up; and
 - (ii) any deviations from the applicable requirements during the reporting period, including a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken.

VI. WORK PRACTICE REQUIREMENTS.**# 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11201]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What standards must I meet?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

(a) The permittee shall conduct the subsequent tune-ups, as required in Table 2 of 40 CFR Part 63 Subpart JJJJJJ, Number 12, and 40 CFR § 63.11223(e). The scope of the boiler tune-up is specified in 40 CFR §63.11223(b).

(b) The subsequent tune-up shall be conducted no more than sixty-one (61) months after the previous tune-up. If the boiler is not operating on the required date for a tune-up, the tune-up must be conducted within thirty (30) days of startup.

**SECTION D. Source Level Requirements****# 013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11205]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my general requirements for complying with this subpart?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall operate and maintain this boiler in a manner consistent with safety and good pollution control practices for minimizing emissions, and in accordance with manufacturer's specifications.

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11223]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate continuous compliance with the work practice and management practice standards?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

(a) In accordance with 40 CFR § 63.11223(e), for oil-fired boilers with a heat input capacity of equal to or less than 5 million Btu/hr, the permittee shall conduct a tune-up every 5 years as specified in paragraphs (1) through (6), below:

- (1) as applicable, inspect the burner, and clean or replace any components of the burner as necessary;
- (2) inspection of the flame pattern and adjustments necessary to optimize the flame pattern;
- (3) inspection of air-to-fuel ratio control system to ensure correct calibration and proper operation;
- (4) optimization of total carbon monoxide (CO) emissions according to the manufacturer's specifications, if applicable;
- (5) measurement of CO in ppmv and oxygen (O₂) in % volume in exhaust, before and after tune-up; and
- (6) if the unit is not operating on the required date for a tune-up, the tune-up must be conducted within thirty (30) days of startup.

(b) Each 5-year tune-up must be conducted no more than sixty-one (61) months after the previous tune-up. The permittee may delay the burner inspection specified in (a)(1) and inspection of the system controlling the air-to-fuel ratio specified in (a)(3) until the next scheduled unit shutdown, but the permittee must inspect each burner and system controlling the air-to-fuel ratio at least once every seventy-two (72) months.

VII. ADDITIONAL REQUIREMENTS.**# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source is a No. 2 oil-fired boiler, rated at 615,200 Btu/hr, manufactured by H. B. Smith, Model No. 2500A/2500L/250L.

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

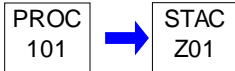
Source ID: 101

Source Name: TANK 14: 420,000 GAL

Source Capacity/Throughput:

N/A

GASOLINE

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall not permit the placing, storing or holding of volatile organic compounds with a vapor pressure of eleven (11) psia or greater under actual storage conditions in this storage tank with an internal floating roof.

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall equip and operate the internal floating roof gasoline storage tank according to the applicable requirements in 40 CFR § 63.1063(a)(1) and (b), except for the secondary seal requirements under 40 CFR § 63.1063(a)(1)(i)(C) and (D), as per option 2(d) of Table 1 of 40 CFR 63, Subpart BBBBBB.

II. TESTING REQUIREMENTS.**# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56]

The permittee shall comply with the requirements in 40 CFR §63.11092(e)(1), performing annual inspection of the internal floating roof (IFR) system, and the standards of Option 2(d) of Table 1 to Subpart BBBBBB.

The permittee shall conduct the inspection as specified in 40 CFR §63.1063(c)(1):

(A) At least once per year, following the procedures as specified in §63.1063(d)(2).

(B) Each time the storage tank is completely emptied and degassed, or every 10 years, whichever occurs first, the IFR shall be inspection as specified in §63.1063(d)(1).

40 CFR §63.1063(d)(1):

Internal floating roof (IFR) inspections shall be conducted by visually inspecting the floating roof deck, deck fittings, and rim seals from within the storage vessel. The inspection may be performed entirely from the top side of the floating roof, as long as there is visual access to all deck components specified in 40 CFR §63.1063(a). Any of the conditions described in paragraphs (i) through (v), below, constitutes inspection failure.

(i) Stored liquid on the floating roof.

(ii) Holes or tears in the primary or secondary seal (if one is present).

(iii) Floating roof deck, deck fittings, or rim seals that are not functioning as designed.

(iv) Failure to comply with the operational requirements of paragraph (b) of §63.1063.

(v) Gaps of more than 0.32 centimeters (1/8 inch) between any deck fitting gasket, seal, or wiper and any surface that it is intended to seal.

**SECTION D. Source Level Requirements**

40 CFR §63.1063(d)(2):

Tank-top inspections of IFR shall be conducted by visually inspecting the floating roof deck, deck fittings, and rim seal through openings in the fixed roof. Any of the conditions described in paragraphs (i) through (iv) of §63.1063(d)(1), above, constitutes inspection failure. Identification of holes or tears in the rim seal is required only for the seal that is visible from the top of the storage vessel.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §129.56.]

The permittee shall monitor parameters of this source, using methods approved by the Department, to determine the emissions of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs). The parameters shall include, but not limited to, the following,

- (a) the daily throughput;
- (b) the type of volatile organic compounds stored and the maximum true vapor pressure; and
- (c) the period of storage.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §129.56.]

- (a) The permittee shall record the parameters, but not limited to, the following,
 - (1) the daily throughput;
 - (2) the type of volatile organic compounds stored and the maximum true vapor pressure; and
 - (3) the period of storage.

- (b) The permittee shall determine the emissions of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs), using methods approved by the Department.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall keep records as specified in 40 CFR § 63.11094.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my recordkeeping requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56]

The permittee shall keep records as specified in 40 CFR §63.1065:

The permittee shall keep the records required in §63.1065(a) for as long as liquid is stored. Records required in §63.1065(b), (c) and (d) shall be kept for at least 5 years. Records shall be kept in such a manner that they can be readily accessed within 24 hours. Records may be kept in hard copy or computer-readable form including, but not limited to, on paper, microfilm, computer, floppy disk, magnetic tape, or microfiche.

**SECTION D. Source Level Requirements**

(a) Vessel dimensions and capacity. A record shall be kept of the dimensions of the storage vessel, an analysis of the capacity of the storage vessel, and an identification of the liquid stored.

(b) Inspection results. Records of floating roof inspection results shall be kept as specified below:

(1) If the floating roof passes inspection, a record shall be kept that includes the information specified in paragraphs (b)(1)(i) and (b)(1)(iii) of §63.1065;

if the floating roof fails inspection, a record shall be kept that includes the information specified in paragraphs (b)(1)(i) through (b)(1)(v) of §63.1065, as specified below:

(i) Identification of the storage vessel that was inspected.

(ii) The date of the inspection.

(iii) The inspection results including, any holes, tears, or other openings found; and position of the floating roof.

(iv) A description of all inspection failures.

(v) A description of all repairs and the dates they were made.

(vi) The date the storage vessel was removed from service, if applicable.

(c) Floating roof landings. The owner or operator shall keep a record of the date when a floating roof is set on its legs or other support devices. The owner or operator shall also keep a record of the date when the roof was refloated, and the record shall indicate whether the process of refloating was continuous.

(d) The permittee who elects to use an extension, in accordance with § 63.1063(e)(2), shall keep the documentation required by the paragraph.

V. REPORTING REQUIREMENTS.

008 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

A report of the annual inspection of the internal floating roofs shall be maintained and retained, as well as made available to the Department representative upon request.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11095]

Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

What are my reporting requirements?

The permittee shall include the following information in the semiannual compliance report, as specified in 40 CFR §63.1066(b).

(1) Notification of inspection. To provide the Department the opportunity to have an observer present, the owner or operator shall notify the Department at least 30 days before an inspection required by §63.1063(d)(1). If an inspection is unplanned and the owner or operator could not have known about the inspection 30 days in advance, then the permittee shall notify the Department at least 7 days before the inspection. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, the notification including the written documentation may be made in writing and sent so that it is received by the Department at least 7 days before the inspection. If a delegated State or local agency is notified, the owner or operator is not required to notify the Department. A delegated State or local agency may waive the requirement for notification of inspections.

(2) Inspection results. The permittee shall submit a copy of the inspection record (required in §63.1065) when inspection failures occur.

(3) Requests for alternate devices. The owner or operator requesting the use of an alternate control device shall submit a written application including emissions test results and an analysis demonstrating that the alternate device has an emission factor that is less than or equal to the device specified in §63.1063.

(4) Requests for extensions. An owner or operator who elects to use an extension in accordance with §63.1063(e)(2) shall submit the documentation required by those paragraphs.

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 010 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

Each internal floating roof shall be fitted with a primary seal and shall comply with the following equipment requirements:

- (a) a closure seal(s) to close the space between the roof edge and tank wall is used,
- (b) there are no holes, tears, or other openings in the seal or any seal fabric or materials, and
- (c) openings except stub drains are equipped with covers, lids or seals such that:
 - (1) the cover, lid or seal is in the closed position at all times except when in actual use,
 - (2) automatic bleeder vents are closed position at all times except when the roof is floated off or landed on the roof leg supports, and
 - (3) rim vents, if provided are set to open when the roof is being floated off the roof leg supports or at the recommended setting of the manufacturer.

011 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which such storage takes place.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall equip and operate the internal floating roof gasoline storage tank according to the applicable requirements in §63.1063(b), as specified below:

- (a) the floating roof shall float on the stored liquid surface at all times, except when the floating roof is supported by its leg supports or other support devices (e.g., hangers from the fixed roof);
- (b) when the storage vessel is storing liquid, but the liquid depth is insufficient to float the floating roof, the process of filling to the point of refloating the floating roof shall be continuous and shall be performed as soon as practical;
- (c) each cover over an opening in the floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall be closed at all times, except when the cover must be open for access;
- (d) each automatic bleeder vent (vacuum breaker vent) and rim space vent shall be closed at all times, except when required to be open to relieve excess pressure or vacuum, in accordance with the manufacturer's design; and
- (e) each unslotted guidepole cap shall be closed at all times except when gauging the liquid level or taking liquid samples.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The internal floating roof (IFR) shall be equipped with a mechanical shoe seal, as per 40 CFR §§ 63.11087(a) and 63.1063(a)(1)(i)(B).

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

The permittee shall comply with the repair requirements as specified in 40 CFR §63.1063(e), If a floating roof fails an inspection:

- (1) If the inspection is performed while the storage vessel is not storing liquid, repairs shall be completed before the refilling of the storage vessel with liquid.
- (2) If the inspection is performed while the storage vessel is storing liquid, repairs shall be completed or the vessel removed from service within 45 days. If a repair cannot be completed and the vessel cannot be emptied within 45 days, the



SECTION D. Source Level Requirements

owner or operator may use up to 2 extensions of up to 30 additional days each. Documentation of a decision to use an extension shall include a description of the failure, shall document that alternate storage capacity is unavailable, and shall specify a schedule of actions that will ensure that the control equipment will be repaired or the vessel will be completely emptied as soon as practical.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

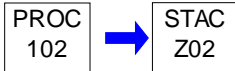
Source ID: 102

Source Name: TANK 13: 840,000 GAL

Source Capacity/Throughput:

N/A

GASOLINE

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall not permit the placing, storing or holding of volatile organic compounds with a vapor pressure of eleven (11) psia or greater under actual storage conditions in this storage tank with an internal floating roof.

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall equip and operate the internal floating roof gasoline storage tank according to the applicable requirements in 40 CFR § 63.1063(a)(1) and (b), except for the secondary seal requirements under 40 CFR § 63.1063(a)(1)(i)(C) and (D), as per option 2(d) of Table 1 of 40 CFR 63, Subpart BBBBBB.

II. TESTING REQUIREMENTS.**# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56]

The permittee shall comply with the requirements in 40 CFR §63.11092(e)(1), performing annual inspection of the internal floating roof (IFR) system, and the standards of Option 2(d) of Table 1 to Subpart BBBBBB.

The permittee shall conduct the inspection as specified in 40 CFR §63.1063(c)(1):

(A) At least once per year, following the procedures as specified in §63.1063(d)(2).

(B) Each time the storage tank is completely emptied and degassed, or every 10 years, whichever occurs first, the IFR shall be inspection as specified in §63.1063(d)(1).

40 CFR §63.1063(d)(1):

Internal floating roof (IFR) inspections shall be conducted by visually inspecting the floating roof deck, deck fittings, and rim seals from within the storage vessel. The inspection may be performed entirely from the top side of the floating roof, as long as there is visual access to all deck components specified in 40 CFR §63.1063(a). Any of the conditions described in paragraphs (i) through (v), below, constitutes inspection failure.

(i) Stored liquid on the floating roof.

(ii) Holes or tears in the primary or secondary seal (if one is present).

(iii) Floating roof deck, deck fittings, or rim seals that are not functioning as designed.

(iv) Failure to comply with the operational requirements of paragraph (b) of §63.1063.

(v) Gaps of more than 0.32 centimeters (1/8 inch) between any deck fitting gasket, seal, or wiper and any surface that it is intended to seal.

**SECTION D. Source Level Requirements**

40 CFR §63.1063(d)(2):

Tank-top inspections of IFR shall be conducted by visually inspecting the floating roof deck, deck fittings, and rim seal through openings in the fixed roof. Any of the conditions described in paragraphs (i) through (iv) of §63.1063(d)(1), above, constitutes inspection failure. Identification of holes or tears in the rim seal is required only for the seal that is visible from the top of the storage vessel.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §129.56.]

The permittee shall monitor parameters of this source, using methods approved by the Department, to determine the emissions of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs). The parameters shall include, but not limited to, the following,

- (a) the daily throughput;
- (b) the type of volatile organic compounds stored and the maximum true vapor pressure; and
- (c) the period of storage.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §129.56.]

- (a) The permittee shall record the parameters, but not limited to, the following,
 - (1) the daily throughput;
 - (2) the type of volatile organic compounds stored and the maximum true vapor pressure; and
 - (3) the period of storage.

- (b) The permittee shall determine the emissions of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs), using methods approved by the Department.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall keep records as specified in 40 CFR § 63.11094.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my recordkeeping requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56]

The permittee shall keep records as specified in 40 CFR §63.1065:

The permittee shall keep the records required in §63.1065(a) for as long as liquid is stored. Records required in §63.1065(b), (c) and (d) shall be kept for at least 5 years. Records shall be kept in such a manner that they can be readily accessed within 24 hours. Records may be kept in hard copy or computer-readable form including, but not limited to, on paper, microfilm, computer, floppy disk, magnetic tape, or microfiche.

**SECTION D. Source Level Requirements**

- (a) Vessel dimensions and capacity. A record shall be kept of the dimensions of the storage vessel, an analysis of the capacity of the storage vessel, and an identification of the liquid stored.
- (b) Inspection results. Records of floating roof inspection results shall be kept as specified below:
- (1) If the floating roof passes inspection, a record shall be kept that includes the information specified in paragraphs (b)(1)(i) and (b)(1)(iii) of §63.1065;
if the floating roof fails inspection, a record shall be kept that includes the information specified in paragraphs (b)(1)(i) through (b)(1)(v) of §63.1065, as specified below:
- (i) Identification of the storage vessel that was inspected.
 - (ii) The date of the inspection.
 - (iii) The inspection results including, any holes, tears, or other openings found; and position of the floating roof.
 - (iv) A description of all inspection failures.
 - (v) A description of all repairs and the dates they were made.
 - (vi) The date the storage vessel was removed from service, if applicable.
- (c) Floating roof landings. The owner or operator shall keep a record of the date when a floating roof is set on its legs or other support devices. The owner or operator shall also keep a record of the date when the roof was refloated, and the record shall indicate whether the process of refloating was continuous.
- (d) The permittee who elects to use an extension, in accordance with § 63.1063(e)(2), shall keep the documentation required by the paragraph.

V. REPORTING REQUIREMENTS.**# 008 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

A report of the annual inspection of the internal floating roofs shall be maintained and retained, as well as made available to the Department representative upon request.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11095]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my reporting requirements?**

The permittee shall include the following information in the semiannual compliance report, as specified in 40 CFR §63.1066(b).

- (1) Notification of inspection. To provide the Department the opportunity to have an observer present, the owner or operator shall notify the Department at least 30 days before an inspection required by §63.1063(d)(1). If an inspection is unplanned and the owner or operator could not have known about the inspection 30 days in advance, then the permittee shall notify the Department at least 7 days before the inspection. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, the notification including the written documentation may be made in writing and sent so that it is received by the Department at least 7 days before the inspection. If a delegated State or local agency is notified, the owner or operator is not required to notify the Department. A delegated State or local agency may waive the requirement for notification of inspections.
- (2) Inspection results. The permittee shall submit a copy of the inspection record (required in §63.1065) when inspection failures occur.
- (3) Requests for alternate devices. The owner or operator requesting the use of an alternate control device shall submit a written application including emissions test results and an analysis demonstrating that the alternate device has an emission factor that is less than or equal to the device specified in §63.1063.
- (4) Requests for extensions. An owner or operator who elects to use an extension in accordance with §63.1063(e)(2) shall submit the documentation required by those paragraphs.

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 010 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

Each internal floating roof shall be fitted with a primary seal and shall comply with the following equipment requirements:

- (a) a closure seal(s) to close the space between the roof edge and tank wall is used,
- (b) there are no holes, tears, or other openings in the seal or any seal fabric or materials, and
- (c) openings except stub drains are equipped with covers, lids or seals such that:
 - (1) the cover, lid or seal is in the closed position at all times except when in actual use,
 - (2) automatic bleeder vents are closed position at all times except when the roof is floated off or landed on the roof leg supports, and
 - (3) rim vents, if provided are set to open when the roof is being floated off the roof leg supports or at the recommended setting of the manufacturer.

011 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which such storage takes place.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall equip and operate the internal floating roof gasoline storage tank according to the applicable requirements in §63.1063(b), as specified below:

- (a) the floating roof shall float on the stored liquid surface at all times, except when the floating roof is supported by its leg supports or other support devices (e.g., hangers from the fixed roof);
- (b) when the storage vessel is storing liquid, but the liquid depth is insufficient to float the floating roof, the process of filling to the point of refloating the floating roof shall be continuous and shall be performed as soon as practical;
- (c) each cover over an opening in the floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall be closed at all times, except when the cover must be open for access;
- (d) each automatic bleeder vent (vacuum breaker vent) and rim space vent shall be closed at all times, except when required to be open to relieve excess pressure or vacuum, in accordance with the manufacturer's design; and
- (e) each unslotted guidepole cap shall be closed at all times except when gauging the liquid level or taking liquid samples.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The internal floating roof (IFR) shall be equipped with a mechanical shoe seal, as per 40 CFR §§ 63.11087(a) and 63.1063(a)(1)(i)(B).

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

The permittee shall comply with the repair requirements as specified in 40 CFR §63.1063(e), If a floating roof fails an inspection:

- (1) If the inspection is performed while the storage vessel is not storing liquid, repairs shall be completed before the refilling of the storage vessel with liquid.
- (2) If the inspection is performed while the storage vessel is storing liquid, repairs shall be completed or the vessel removed from service within 45 days. If a repair cannot be completed and the vessel cannot be emptied within 45 days, the



SECTION D. Source Level Requirements

owner or operator may use up to 2 extensions of up to 30 additional days each. Documentation of a decision to use an extension shall include a description of the failure, shall document that alternate storage capacity is unavailable, and shall specify a schedule of actions that will ensure that the control equipment will be repaired or the vessel will be completely emptied as soon as practical.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

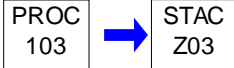
Source ID: 103

Source Name: TANK 10: 210,000 GAL

Source Capacity/Throughput:

N/A

GASOLINE

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall not permit the placing, storing or holding of volatile organic compounds with a vapor pressure of eleven (11) psia or greater under actual storage conditions in this storage tank with an internal floating roof.

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall equip and operate the internal floating roof gasoline storage tank according to the applicable requirements in 40 CFR § 63.1063(a)(1) and (b), except for the secondary seal requirements under 40 CFR § 63.1063(a)(1)(i)(C) and (D), as per option 2(d) of Table 1 of 40 CFR 63, Subpart BBBBBB.

II. TESTING REQUIREMENTS.**# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56]

The permittee shall comply with the requirements in 40 CFR §63.11092(e)(1), performing annual inspection of the internal floating roof (IFR) system, and the standards of Option 2(d) of Table 1 to Subpart BBBBBB.

The permittee shall conduct the inspection as specified in 40 CFR §63.1063(c)(1):

(A) At least once per year, following the procedures as specified in §63.1063(d)(2).

(B) Each time the storage tank is completely emptied and degassed, or every 10 years, whichever occurs first, the IFR shall be inspection as specified in §63.1063(d)(1).

40 CFR §63.1063(d)(1):

Internal floating roof (IFR) inspections shall be conducted by visually inspecting the floating roof deck, deck fittings, and rim seals from within the storage vessel. The inspection may be performed entirely from the top side of the floating roof, as long as there is visual access to all deck components specified in 40 CFR §63.1063(a). Any of the conditions described in paragraphs (i) through (v), below, constitutes inspection failure.

(i) Stored liquid on the floating roof.

(ii) Holes or tears in the primary or secondary seal (if one is present).

(iii) Floating roof deck, deck fittings, or rim seals that are not functioning as designed.

(iv) Failure to comply with the operational requirements of paragraph (b) of §63.1063.

(v) Gaps of more than 0.32 centimeters (1/8 inch) between any deck fitting gasket, seal, or wiper and any surface that it is intended to seal.

**SECTION D. Source Level Requirements**

40 CFR §63.1063(d)(2):

Tank-top inspections of IFR shall be conducted by visually inspecting the floating roof deck, deck fittings, and rim seal through openings in the fixed roof. Any of the conditions described in paragraphs (i) through (iv) of §63.1063(d)(1), above, constitutes inspection failure. Identification of holes or tears in the rim seal is required only for the seal that is visible from the top of the storage vessel.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §129.56.]

The permittee shall monitor parameters of this source, using methods approved by the Department, to determine the emissions of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs). The parameters shall include, but not limited to, the following,

- (a) the daily throughput;
- (b) the type of volatile organic compounds stored and the maximum true vapor pressure; and
- (c) the period of storage.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §129.56.]

- (a) The permittee shall record the parameters, but not limited to, the following,
 - (1) the daily throughput;
 - (2) the type of volatile organic compounds stored and the maximum true vapor pressure; and
 - (3) the period of storage.

- (b) The permittee shall determine the emissions of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs), using methods approved by the Department.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall keep records as specified in 40 CFR § 63.11094.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my recordkeeping requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56]

The permittee shall keep records as specified in 40 CFR §63.1065:

The permittee shall keep the records required in §63.1065(a) for as long as liquid is stored. Records required in §63.1065(b), (c) and (d) shall be kept for at least 5 years. Records shall be kept in such a manner that they can be readily accessed within 24 hours. Records may be kept in hard copy or computer-readable form including, but not limited to, on paper, microfilm, computer, floppy disk, magnetic tape, or microfiche.

**SECTION D. Source Level Requirements**

(a) Vessel dimensions and capacity. A record shall be kept of the dimensions of the storage vessel, an analysis of the capacity of the storage vessel, and an identification of the liquid stored.

(b) Inspection results. Records of floating roof inspection results shall be kept as specified below:

(1) If the floating roof passes inspection, a record shall be kept that includes the information specified in paragraphs (b)(1)(i) and (b)(1)(iii) of §63.1065;

if the floating roof fails inspection, a record shall be kept that includes the information specified in paragraphs (b)(1)(i) through (b)(1)(v) of §63.1065, as specified below:

(i) Identification of the storage vessel that was inspected.

(ii) The date of the inspection.

(iii) The inspection results including, any holes, tears, or other openings found; and position of the floating roof.

(iv) A description of all inspection failures.

(v) A description of all repairs and the dates they were made.

(vi) The date the storage vessel was removed from service, if applicable.

(c) Floating roof landings. The owner or operator shall keep a record of the date when a floating roof is set on its legs or other support devices. The owner or operator shall also keep a record of the date when the roof was refloated, and the record shall indicate whether the process of refloating was continuous.

(d) The permittee who elects to use an extension, in accordance with § 63.1063(e)(2), shall keep the documentation required by the paragraph.

V. REPORTING REQUIREMENTS.

008 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

A report of the annual inspection of the internal floating roofs shall be maintained and retained, as well as made available to the Department representative upon request.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11095]

Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

What are my reporting requirements?

The permittee shall include the following information in the semiannual compliance report, as specified in 40 CFR §63.1066(b).

(1) Notification of inspection. To provide the Department the opportunity to have an observer present, the owner or operator shall notify the Department at least 30 days before an inspection required by §63.1063(d)(1). If an inspection is unplanned and the owner or operator could not have known about the inspection 30 days in advance, then the permittee shall notify the Department at least 7 days before the inspection. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, the notification including the written documentation may be made in writing and sent so that it is received by the Department at least 7 days before the inspection. If a delegated State or local agency is notified, the owner or operator is not required to notify the Department. A delegated State or local agency may waive the requirement for notification of inspections.

(2) Inspection results. The permittee shall submit a copy of the inspection record (required in §63.1065) when inspection failures occur.

(3) Requests for alternate devices. The owner or operator requesting the use of an alternate control device shall submit a written application including emissions test results and an analysis demonstrating that the alternate device has an emission factor that is less than or equal to the device specified in §63.1063.

(4) Requests for extensions. An owner or operator who elects to use an extension in accordance with §63.1063(e)(2) shall submit the documentation required by those paragraphs.

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 010 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

Each internal floating roof shall be fitted with a primary seal and shall comply with the following equipment requirements:

- (a) a closure seal(s) to close the space between the roof edge and tank wall is used,
- (b) there are no holes, tears, or other openings in the seal or any seal fabric or materials, and
- (c) openings except stub drains are equipped with covers, lids or seals such that:
 - (1) the cover, lid or seal is in the closed position at all times except when in actual use,
 - (2) automatic bleeder vents are closed position at all times except when the roof is floated off or landed on the roof leg supports, and
 - (3) rim vents, if provided are set to open when the roof is being floated off the roof leg supports or at the recommended setting of the manufacturer.

011 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which such storage takes place.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall equip and operate the internal floating roof gasoline storage tank according to the applicable requirements in §63.1063(b), as specified below:

- (a) the floating roof shall float on the stored liquid surface at all times, except when the floating roof is supported by its leg supports or other support devices (e.g., hangers from the fixed roof);
- (b) when the storage vessel is storing liquid, but the liquid depth is insufficient to float the floating roof, the process of filling to the point of refloating the floating roof shall be continuous and shall be performed as soon as practical;
- (c) each cover over an opening in the floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall be closed at all times, except when the cover must be open for access;
- (d) each automatic bleeder vent (vacuum breaker vent) and rim space vent shall be closed at all times, except when required to be open to relieve excess pressure or vacuum, in accordance with the manufacturer's design; and
- (e) each unslotted guidepole cap shall be closed at all times except when gauging the liquid level or taking liquid samples.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The internal floating roof (IFR) shall be equipped with a mechanical shoe seal, as per 40 CFR §§ 63.11087(a) and 63.1063(a)(1)(i)(B).

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

The permittee shall comply with the repair requirements as specified in 40 CFR §63.1063(e), If a floating roof fails an inspection:

- (1) If the inspection is performed while the storage vessel is not storing liquid, repairs shall be completed before the refilling of the storage vessel with liquid.
- (2) If the inspection is performed while the storage vessel is storing liquid, repairs shall be completed or the vessel removed from service within 45 days. If a repair cannot be completed and the vessel cannot be emptied within 45 days, the



SECTION D. Source Level Requirements

owner or operator may use up to 2 extensions of up to 30 additional days each. Documentation of a decision to use an extension shall include a description of the failure, shall document that alternate storage capacity is unavailable, and shall specify a schedule of actions that will ensure that the control equipment will be repaired or the vessel will be completely emptied as soon as practical.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

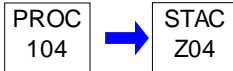
Source ID: 104

Source Name: TANK 12: 420,000 GAL

Source Capacity/Throughput:

N/A

GASOLINE

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall not permit the placing, storing or holding of volatile organic compounds with a vapor pressure of eleven (11) psia or greater under actual storage conditions in this storage tank with an internal floating roof.

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall equip and operate the internal floating roof gasoline storage tank according to the applicable requirements in 40 CFR § 63.1063(a)(1) and (b), except for the secondary seal requirements under 40 CFR § 63.1063(a)(1)(i)(C) and (D), as per option 2(d) of Table 1 of 40 CFR 63, Subpart BBBBBB.

II. TESTING REQUIREMENTS.**# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56]

The permittee shall comply with the requirements in 40 CFR §63.11092(e)(1), performing annual inspection of the internal floating roof (IFR) system, and the standards of Option 2(d) of Table 1 to Subpart BBBBBB.

The permittee shall conduct the inspection as specified in 40 CFR §63.1063(c)(1):

(A) At least once per year, following the procedures as specified in §63.1063(d)(2).

(B) Each time the storage tank is completely emptied and degassed, or every 10 years, whichever occurs first, the IFR shall be inspection as specified in §63.1063(d)(1).

40 CFR §63.1063(d)(1):

Internal floating roof (IFR) inspections shall be conducted by visually inspecting the floating roof deck, deck fittings, and rim seals from within the storage vessel. The inspection may be performed entirely from the top side of the floating roof, as long as there is visual access to all deck components specified in 40 CFR §63.1063(a). Any of the conditions described in paragraphs (i) through (v), below, constitutes inspection failure.

(i) Stored liquid on the floating roof.

(ii) Holes or tears in the primary or secondary seal (if one is present).

(iii) Floating roof deck, deck fittings, or rim seals that are not functioning as designed.

(iv) Failure to comply with the operational requirements of paragraph (b) of §63.1063.

(v) Gaps of more than 0.32 centimeters (1/8 inch) between any deck fitting gasket, seal, or wiper and any surface that it is intended to seal.

**SECTION D. Source Level Requirements**

40 CFR §63.1063(d)(2):

Tank-top inspections of IFR shall be conducted by visually inspecting the floating roof deck, deck fittings, and rim seal through openings in the fixed roof. Any of the conditions described in paragraphs (i) through (iv) of §63.1063(d)(1), above, constitutes inspection failure. Identification of holes or tears in the rim seal is required only for the seal that is visible from the top of the storage vessel.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §129.56.]

The permittee shall monitor parameters of this source, using methods approved by the Department, to determine the emissions of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs). The parameters shall include, but not limited to, the following,

- (a) the daily throughput;
- (b) the type of volatile organic compounds stored and the maximum true vapor pressure; and
- (c) the period of storage.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §129.56.]

- (a) The permittee shall record the parameters, but not limited to, the following,
 - (1) the daily throughput;
 - (2) the type of volatile organic compounds stored and the maximum true vapor pressure; and
 - (3) the period of storage.

- (b) The permittee shall determine the emissions of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs), using methods approved by the Department.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall keep records as specified in 40 CFR § 63.11094.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my recordkeeping requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56]

The permittee shall keep records as specified in 40 CFR §63.1065:

The permittee shall keep the records required in §63.1065(a) for as long as liquid is stored. Records required in §63.1065(b), (c) and (d) shall be kept for at least 5 years. Records shall be kept in such a manner that they can be readily accessed within 24 hours. Records may be kept in hard copy or computer-readable form including, but not limited to, on paper, microfilm, computer, floppy disk, magnetic tape, or microfiche.

**SECTION D. Source Level Requirements**

(a) Vessel dimensions and capacity. A record shall be kept of the dimensions of the storage vessel, an analysis of the capacity of the storage vessel, and an identification of the liquid stored.

(b) Inspection results. Records of floating roof inspection results shall be kept as specified below:

(1) If the floating roof passes inspection, a record shall be kept that includes the information specified in paragraphs (b)(1)(i) and (b)(1)(iii) of §63.1065;

if the floating roof fails inspection, a record shall be kept that includes the information specified in paragraphs (b)(1)(i) through (b)(1)(v) of §63.1065, as specified below:

(i) Identification of the storage vessel that was inspected.

(ii) The date of the inspection.

(iii) The inspection results including, any holes, tears, or other openings found; and position of the floating roof.

(iv) A description of all inspection failures.

(v) A description of all repairs and the dates they were made.

(vi) The date the storage vessel was removed from service, if applicable.

(c) Floating roof landings. The owner or operator shall keep a record of the date when a floating roof is set on its legs or other support devices. The owner or operator shall also keep a record of the date when the roof was refloated, and the record shall indicate whether the process of refloating was continuous.

(d) The permittee who elects to use an extension, in accordance with § 63.1063(e)(2), shall keep the documentation required by the paragraph.

V. REPORTING REQUIREMENTS.

008 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

A report of the annual inspection of the internal floating roofs shall be maintained and retained, as well as made available to the Department representative upon request.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11095]

Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

What are my reporting requirements?

The permittee shall include the following information in the semiannual compliance report, as specified in 40 CFR §63.1066(b).

(1) Notification of inspection. To provide the Department the opportunity to have an observer present, the owner or operator shall notify the Department at least 30 days before an inspection required by §63.1063(d)(1). If an inspection is unplanned and the owner or operator could not have known about the inspection 30 days in advance, then the permittee shall notify the Department at least 7 days before the inspection. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, the notification including the written documentation may be made in writing and sent so that it is received by the Department at least 7 days before the inspection. If a delegated State or local agency is notified, the owner or operator is not required to notify the Department. A delegated State or local agency may waive the requirement for notification of inspections.

(2) Inspection results. The permittee shall submit a copy of the inspection record (required in §63.1065) when inspection failures occur.

(3) Requests for alternate devices. The owner or operator requesting the use of an alternate control device shall submit a written application including emissions test results and an analysis demonstrating that the alternate device has an emission factor that is less than or equal to the device specified in §63.1063.

(4) Requests for extensions. An owner or operator who elects to use an extension in accordance with §63.1063(e)(2) shall submit the documentation required by those paragraphs.

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 010 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

Each internal floating roof shall be fitted with a primary seal and shall comply with the following equipment requirements:

- (a) a closure seal(s) to close the space between the roof edge and tank wall is used,
- (b) there are no holes, tears, or other openings in the seal or any seal fabric or materials, and
- (c) openings except stub drains are equipped with covers, lids or seals such that:
 - (1) the cover, lid or seal is in the closed position at all times except when in actual use,
 - (2) automatic bleeder vents are closed position at all times except when the roof is floated off or landed on the roof leg supports, and
 - (3) rim vents, if provided are set to open when the roof is being floated off the roof leg supports or at the recommended setting of the manufacturer.

011 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which such storage takes place.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall equip and operate the internal floating roof gasoline storage tank according to the applicable requirements in §63.1063(b), as specified below:

- (a) the floating roof shall float on the stored liquid surface at all times, except when the floating roof is supported by its leg supports or other support devices (e.g., hangers from the fixed roof);
- (b) when the storage vessel is storing liquid, but the liquid depth is insufficient to float the floating roof, the process of filling to the point of refloating the floating roof shall be continuous and shall be performed as soon as practical;
- (c) each cover over an opening in the floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall be closed at all times, except when the cover must be open for access;
- (d) each automatic bleeder vent (vacuum breaker vent) and rim space vent shall be closed at all times, except when required to be open to relieve excess pressure or vacuum, in accordance with the manufacturer's design; and
- (e) each unslotted guidepole cap shall be closed at all times except when gauging the liquid level or taking liquid samples.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The internal floating roof (IFR) shall be equipped with a mechanical shoe seal, as per 40 CFR §§ 63.11087(a) and 63.1063(a)(1)(i)(B).

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

The permittee shall comply with the repair requirements as specified in 40 CFR §63.1063(e), If a floating roof fails an inspection:

- (1) If the inspection is performed while the storage vessel is not storing liquid, repairs shall be completed before the refilling of the storage vessel with liquid.
- (2) If the inspection is performed while the storage vessel is storing liquid, repairs shall be completed or the vessel removed from service within 45 days. If a repair cannot be completed and the vessel cannot be emptied within 45 days, the



SECTION D. Source Level Requirements

owner or operator may use up to 2 extensions of up to 30 additional days each. Documentation of a decision to use an extension shall include a description of the failure, shall document that alternate storage capacity is unavailable, and shall specify a schedule of actions that will ensure that the control equipment will be repaired or the vessel will be completely emptied as soon as practical.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

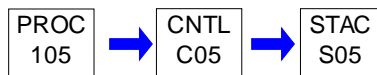
Source ID: 105

Source Name: GASOLINE LOADING RACK

Source Capacity/Throughput:

N/A

GASOLINE/DISTILLATE

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11088]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline loading racks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.59.]

The permittee shall ensure that the VOC emissions into the outdoor atmosphere from the vapor collection system of this loading rack during the loading of gasoline into gasoline tank trucks does not exceed 80 mg/L of gasoline loaded.

[The emission limit is expressed in terms of total organic compounds in this permit.]

Throughput Restriction(s).**# 002 Elective Restriction**

To escape the Gasoline Distribution MACT, 40 CFR Part 63 Subpart R requirements, the permittee opted to observe the following throughput limitations:

(a) the annual throughput of gasoline without MTBE through the loading rack shall not exceed 1,252,787,918 gallons during any consecutive twelve (12) month period.

(b) the annual throughput of gasoline with MTBE through the loading rack shall not exceed 249,421,957 gallons during any consecutive twelve (12) month period.

(c) the annual throughput of distillates through the loading rack shall not exceed 1,545,169,992 gallons during any consecutive twelve (12) month period.

Control Device Efficiencies Restriction(s).**# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11088]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline loading racks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.59.]

The permittee shall meet each emission limit and management practice as specified in Option 1 of Table 2 to 40 CFR 63 Subpart BBBBBB:

(a) equip the loading rack with a vapor collection system designed to collect the VOC vapors displaced from cargo tanks during product loading;

(b) reduce emissions of VOC to less than or equal to 80 mg/L of gasoline loaded into gasoline cargo tanks at the loading rack;

(c) design and operate the vapor collection system to prevent any VOC vapors collected at one loading rack or lane from passing through another loading rack or lane to the atmosphere; and

**SECTION D. Source Level Requirements**

(d) limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in 40 CFR § 60.502(e) through (j). For the purposes of this section, the term "tank truck" as used in 40 CFR § 60.502(e) through (j) of this chapter means "cargo tank" as defined in 40 CFR § 63.11100.

II. TESTING REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall perform a stack test using the Department-approved procedures, every five (5) years or once within the life of the permit. Such testing shall be conducted at least twelve (12) months prior to the expiration of this permit. The stack test results shall be submitted for review no later than six (6) months before the permit expiration. The tests shall be performed during the summer months when gasoline loading operations are operating at the maximum capacity possible. The testing period shall be no less than six (6) hours, during which at least 300,000 liters (80,000 gals) of gasoline are loaded.

(b) At least sixty (60) days prior to the test, the permittee shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.

(c) The stack test shall perform tests on this loading rack and the associated VRU (Source ID C05) for both total organic compounds (TOC) and volatile organic compounds (VOC). Tests shall be conducted in accordance with the provisions of EPA method(s), or Department approved methodology and 25 Pa. Code Chapter 139, to demonstrate compliance with the emission limitation of 80 mg/L of gasoline loaded (as Total Organic Compounds).

(d) At least thirty (30) days prior to the test, the Regional Air Quality Manager, shall be informed of the date and time of the test.

(e) Within sixty (60) days after the source test(s), two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval. The emissions shall be reported in the following units:

- (1) concentration as measured in parts per million (ppm or ppmv); and
- (2) specific output in mg/L gasoline loaded.

(f) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

40 CFR §63.11092(a):

The permittee shall comply with the applicable testing requirements, as specified below:

Conduct a performance test on the vapor processing and collection system according to either (a) or (b), below. The performance test shall be conducted every five (5) years or once within the life of the permit, at least twelve (12) months prior to the expiration of this permit.

(a) use the test methods and procedures in 40 CFR 60 § 60.503, except a reading of 500 parts per million (as methane) shall be used to determine the level of leaks to be repaired.

(b) use alternative test methods and procedures in accordance with the alternative test method requirements in 40 CFR § 63.7(f).

40 CFR § 63.11092(b) and (c):

For each performance test conducted, the permittee shall determine a monitored operating parameter value(s) for the VRU. The permittee shall document the reasons for any change in the operating parameter value(s) since the previous performance test.

**SECTION D. Source Level Requirements****# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11098]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What parts of the General Provisions apply to me?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

- (a) For the CMS system, the permittee shall conduct a performance evaluation on the CMS system as specified in §63.8(e). The performance evaluation shall be conducted every five (5) years or once within the life of the permit, at least twelve (12) months prior to the expiration of this permit.
- (b) At least sixty (60) days prior to the evaluation, the permittee shall submit to the Department in writing of the date of the performance evaluation and the performance test date.
- (c) Before conducting a required CMS performance evaluation, the permittee shall develop and submit a site-specific performance evaluation test plan to the Administrator for approval upon request. The site-specific performance evaluation test plan shall include the following:
- (1) evaluation program objectives;
 - (2) an evaluation program summary;
 - (3) the performance evaluation schedule;
 - (4) data quality objective; and
 - (5) both an internal and external QA program.
- (d) Within sixty (60) days of completion of the performance evaluation, two copies of the performance evaluation report shall be submitted to the Regional Air Quality Manager. The Department may request the permittee submit the raw data from a performance evaluation.

III. MONITORING REQUIREMENTS.**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall monitor the following:

- (a) daily throughput of gasoline (or other petroleum liquid);
- (b) type of gasoline (or other petroleum liquid) loaded at this loading rack, daily;
- (c) 12-month rolling summation of the throughput of gasoline (or other petroleum liquid); and
- (d) the VOC emissions (CMS read out as mg/L, ppm, and/or ppmv), hourly.

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11088]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline loading racks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall comply with the applicable monitoring requirements specified in 40 CFR § 63.11092.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.62.]

- (a) The annual certification test for gasoline cargo tanks shall consist of the test methods specified in 40 CFR § 63.11092(f), below:
- (1) EPA Method 27, Appendix A-8, 40 CFR part 60. Conduct the test using a time period (t) for the pressure and vacuum tests of 5 minutes. The initial pressure (Pi) for the pressure test shall be 460 millimeters (mm) of water (18 inches of water), gauge. The initial vacuum (Vi) for the vacuum test shall be 150 mm of water (6 inches of water), gauge. The maximum allowable pressure and vacuum changes (Delta p, Delta v) for all affected gasoline cargo tanks is 3 inches of water, or less, in 5 minutes.
 - (2) Railcar bubble leak test procedures. As an alternative to the annual certification test required under paragraph (1) of

**SECTION D. Source Level Requirements**

this section for certification leakage testing of gasoline cargo tanks, the owner or operator may comply with paragraphs (f)(2)(i) and (ii) of this section for railcar cargo tanks, provided the railcar cargo tank meets the requirement in paragraph (f)(2)(iii) of this section.

- (b) If a gasoline cargo tank does not meet the criteria in paragraph, above, the tank shall be retested within 15 days of testing.
- (c) The most recent date upon which the gasoline tank truck passed the required test shall be clearly displayed near the Department of Transportation Certification plate required by 49 CFR 178.340-10b (relating to certification).

IV. RECORDKEEPING REQUIREMENTS.**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall maintain a copy of the manufacturer's specifications for the VRU and CMS system.
- (b) The permittee shall keep a copy of the most recent stack test protocol and test report.

011 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall maintain records of

- (a) throughput of gasoline (or other petroleum liquid), daily;
- (b) type of gasoline (or other petroleum liquid) loaded at this loading rack, daily;
- (c) 12-month rolling summation of the throughput for gasoline (or other petroleum liquid), monthly;
- (d) VOC emissions (CMS read out as mg/L, ppm, and/or ppmv), hourly;
- (e) average VOC emissions as mg/L of gasoline loaded, monthly; and
- (f) 12-month rolling summation of the VOC and HAP emissions (as ton/yr), calculated monthly using method(s) approved by the Department.

012 [25 Pa. Code §129.62]**General standards for bulk gasoline terminals/plants, and small gasoline storage tanks**

- (a) The permittee shall maintain the following records of gasoline cargo tank certification testing and repairs:
 - (1) the identity of the gasoline tank truck, vapor collection system or vapor control system;
 - (2) the date of the test or repair; and, if applicable; and
 - (3) the type of repair and the date of retest. The records shall be maintained in a legible, readily-available condition for one (1) year after the date the testing or repair was completed.
- (b) The records of certification tests required shall contain:
 - (1) the gasoline tank truck tank serial number;
 - (2) the initial test pressure and the time of the reading;
 - (3) the final test pressure and the time of the reading;
 - (4) the initial test vacuum and the time of the reading;
 - (5) the final test vacuum and the time of the reading;
 - (6) at the top of each report page, the company name and the date and location of the tests on that page; and
 - (7) the name and title of the person conducting the test.
- (c) A copy of the test results for each gasoline tank shall be kept with the truck.
- (d) Gasoline tank trucks with a rated capacity of less than 4,800 gallons are exempt from above conditions.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my recordkeeping requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

- (a) The permittee shall keep records of the test results for each gasoline cargo tank loading at the facility as specified

**SECTION D. Source Level Requirements**

below:

- (1) annual certification testing performed under 40 CFR § 63.11092(f)(1) and periodic railcar bubble leak testing performed under 40 CFR § 63.11092(f)(2); and
- (2) the documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility. The documentation for each test shall include, as a minimum, the following information:
- (i) name of test: Annual Certification Test--Method 27 or Periodic Railcar Bubble Leak Test Procedure;
 - (ii) cargo tank owner's name and address;
 - (iii) cargo tank identification number;
 - (iv) test location and date;
 - (v) tester name and signature;
 - (vi) witnessing inspector, if any: Name, signature, and affiliation;
 - (vii) vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing; and
 - (viii) test results: Test pressure; pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition.
- (b) As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in (a), above, the permittee may comply with the requirements in (1) and (2), below:
- (1) an electronic copy of each record is instantly available at the terminal;
- (i) the copy of each record in paragraph (c)(1) of 40 CFR § 63.11094 is an exact duplicate image of the original paper record with certifying signatures.
 - (ii) the Department is notified in writing that each terminal using this alternative is in compliance with paragraph (c)(1) of 40 CFR § 63.11094.
- (2) for facilities that use a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by the Department's delegated representatives during the course of a site visit, or within a mutually agreeable time frame.
- (i) the copy of each record of 40 CFR § 63.11094(c)(2) is an exact duplicate image of the original paper record with certifying signatures; and
 - (ii) the Department is notified in writing that each terminal using this alternative is in compliance with 40 CFR § 63.11094(c)(2).

V. REPORTING REQUIREMENTS.

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11088]

Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

What requirements must I meet for gasoline loading racks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall submit the applicable reports and notifications as specified 40 CFR §§ 63.11093 and 63.11095, in Section C, of this permit.

VI. WORK PRACTICE REQUIREMENTS.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The gasoline supply to the absorber of the VRU system comes from five (5) storage tanks, although primarily is fed by only one tank. The recovered product is returned along with the circulating gasoline back to the storage tanks.
- (b) The permittee shall conduct daily inspections of the loading rack, VRU and CMS systems, when manned.

016 [25 Pa. Code §129.62]

General standards for bulk gasoline terminals/plants, and small gasoline storage tanks

The permittee may not permit the transfer of gasoline between the tank truck or trailer and a stationary storage tank unless the following conditions are met:

**SECTION D. Source Level Requirements**

- (a) The vapor balance system, VRU and CMS are in good working order and are designed and operated in a manner that prevents:
- (1) gauge pressure from exceeding 18 inches of water and vacuum from exceeding 6 inches of water in the gasoline tank truck;
 - (2) a reading equal to or greater than 100% of the lower explosive limit--LEL, measured as propane--at 1 inch from points on the perimeter of a potential leak source when measured by the method referenced in 25 Pa. Code § 139.14 (relating to emissions of volatile organic compounds) during loading or unloading operations; and
 - (3) avoidable liquid leaks during loading or unloading operations.
- (b) A truck, vapor balance system and vapor disposal system, if applicable, that exceeds the limits in paragraph (a), above, is repaired and retested within fifteen (15) days.
- (c) There are no visually, or audibly, detectable leaks in the tank truck's or trailer's pressure/vacuum relief valves and hatch covers, the truck tanks or storage tanks, or associated vapor and liquid lines during loading or unloading.
- (d) The pressure and vacuum relief valves on storage vessels and tank trucks or trailers are set to release at no less than 0.7 psig of pressure or 0.3 psig of vacuum or the highest allowable pressure and vacuum as specified in State or local fire codes, the National Fire Prevention Association guidelines or other National consensus standards acceptable to the Department.

017 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11088]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline loading racks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

[Additional authority of this permit condition is derived from 25 Pa. §129.59 and §127.441.]

The permittee shall comply with Option 1(d) of Table 2 to 40 CFR Subpart BBBBBB, limiting the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in 40 CFR § 60.502(e) through (j), as follows.

40 CFR § 60.502:

- (e) Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:
- (1) The owner or operator shall obtain the vapor tightness documentation described in §60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.
 - (2) The owner or operator shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.
 - (3) (i) The owner or operator shall cross-check each tank identification number obtained in paragraph (e)(2) of this section with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:
 - (A) If less than an average of one gasoline tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or
 - (B) If less than an average of one gasoline tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually.
 (ii) If either the quarterly or semiannual cross-check provided in paragraphs (e)(3)(i) (A) through (B) of this section reveals that these conditions were not maintained, the source must return to biweekly monitoring until such time as these conditions are again met.
 - (4) The terminal owner or operator shall notify the owner or operator of each non-vapor-tight gasoline tank truck loaded at the affected facility within 1 week of the documentation cross-check in paragraph (e)(3) of this section.

**SECTION D. Source Level Requirements**

- (5) The terminal owner or operator shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.
- (6) Alternate procedures to those described in paragraphs (e)(1) through (5) of this section for limiting gasoline tank truck loadings may be used upon application to, and approval by, the Department.
- (f) The owner or operator shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.
- (g) The owner or operator shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.
- (h) The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in § 60.503(d).
- (i) No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).
- (j) Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

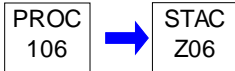
Source ID: 106

Source Name: TANK 11: 840,000 GAL

Source Capacity/Throughput:

N/A

GASOLINE

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall not permit the placing, storing or holding of volatile organic compounds with a vapor pressure of eleven (11) psia or greater under actual storage conditions in this storage tank with an internal floating roof.

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall equip and operate the internal floating roof gasoline storage tank according to the applicable requirements in 40 CFR § 63.1063(a)(1) and (b), except for the secondary seal requirements under 40 CFR § 63.1063(a)(1)(i)(C) and (D), as per option 2(d) of Table 1 of 40 CFR 63, Subpart BBBBBB.

II. TESTING REQUIREMENTS.**# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56]

The permittee shall comply with the requirements in 40 CFR §63.11092(e)(1), performing annual inspection of the internal floating roof (IFR) system, and the standards of Option 2(d) of Table 1 to Subpart BBBBBB.

The permittee shall conduct the inspection as specified in 40 CFR §63.1063(c)(1):

(A) At least once per year, following the procedures as specified in §63.1063(d)(2).

(B) Each time the storage tank is completely emptied and degassed, or every 10 years, whichever occurs first, the IFR shall be inspection as specified in §63.1063(d)(1).

40 CFR §63.1063(d)(1):

Internal floating roof (IFR) inspections shall be conducted by visually inspecting the floating roof deck, deck fittings, and rim seals from within the storage vessel. The inspection may be performed entirely from the top side of the floating roof, as long as there is visual access to all deck components specified in 40 CFR §63.1063(a). Any of the conditions described in paragraphs (i) through (v), below, constitutes inspection failure.

(i) Stored liquid on the floating roof.

(ii) Holes or tears in the primary or secondary seal (if one is present).

(iii) Floating roof deck, deck fittings, or rim seals that are not functioning as designed.

(iv) Failure to comply with the operational requirements of paragraph (b) of §63.1063.

(v) Gaps of more than 0.32 centimeters (1/8 inch) between any deck fitting gasket, seal, or wiper and any surface that it is intended to seal.

**SECTION D. Source Level Requirements**

40 CFR §63.1063(d)(2):

Tank-top inspections of IFR shall be conducted by visually inspecting the floating roof deck, deck fittings, and rim seal through openings in the fixed roof. Any of the conditions described in paragraphs (i) through (iv) of §63.1063(d)(1), above, constitutes inspection failure. Identification of holes or tears in the rim seal is required only for the seal that is visible from the top of the storage vessel.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §129.56.]

The permittee shall monitor parameters of this source, using methods approved by the Department, to determine the emissions of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs). The parameters shall include, but not limited to, the following,

- (a) the daily throughput;
- (b) the type of volatile organic compounds stored and the maximum true vapor pressure; and
- (c) the period of storage.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §129.56.]

- (a) The permittee shall record the parameters, but not limited to, the following,
 - (1) the daily throughput;
 - (2) the type of volatile organic compounds stored and the maximum true vapor pressure; and
 - (3) the period of storage.

- (b) The permittee shall determine the emissions of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs), using methods approved by the Department.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall keep records as specified in 40 CFR § 63.11094.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my recordkeeping requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56]

The permittee shall keep records as specified in 40 CFR §63.1065:

The permittee shall keep the records required in §63.1065(a) for as long as liquid is stored. Records required in §63.1065(b), (c) and (d) shall be kept for at least 5 years. Records shall be kept in such a manner that they can be readily accessed within 24 hours. Records may be kept in hard copy or computer-readable form including, but not limited to, on paper, microfilm, computer, floppy disk, magnetic tape, or microfiche.

**SECTION D. Source Level Requirements**

- (a) Vessel dimensions and capacity. A record shall be kept of the dimensions of the storage vessel, an analysis of the capacity of the storage vessel, and an identification of the liquid stored.
- (b) Inspection results. Records of floating roof inspection results shall be kept as specified below:
- (1) If the floating roof passes inspection, a record shall be kept that includes the information specified in paragraphs (b)(1)(i) and (b)(1)(iii) of §63.1065;
if the floating roof fails inspection, a record shall be kept that includes the information specified in paragraphs (b)(1)(i) through (b)(1)(v) of §63.1065, as specified below:
- (i) Identification of the storage vessel that was inspected.
 - (ii) The date of the inspection.
 - (iii) The inspection results including, any holes, tears, or other openings found; and position of the floating roof.
 - (iv) A description of all inspection failures.
 - (v) A description of all repairs and the dates they were made.
 - (vi) The date the storage vessel was removed from service, if applicable.
- (c) Floating roof landings. The owner or operator shall keep a record of the date when a floating roof is set on its legs or other support devices. The owner or operator shall also keep a record of the date when the roof was refloated, and the record shall indicate whether the process of refloating was continuous.
- (d) The permittee who elects to use an extension, in accordance with § 63.1063(e)(2), shall keep the documentation required by the paragraph.

V. REPORTING REQUIREMENTS.**# 008 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

A report of the annual inspection of the internal floating roofs shall be maintained and retained, as well as made available to the Department representative upon request.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11095]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my reporting requirements?**

The permittee shall include the following information in the semiannual compliance report, as specified in 40 CFR §63.1066(b).

- (1) Notification of inspection. To provide the Department the opportunity to have an observer present, the owner or operator shall notify the Department at least 30 days before an inspection required by §63.1063(d)(1). If an inspection is unplanned and the owner or operator could not have known about the inspection 30 days in advance, then the permittee shall notify the Department at least 7 days before the inspection. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, the notification including the written documentation may be made in writing and sent so that it is received by the Department at least 7 days before the inspection. If a delegated State or local agency is notified, the owner or operator is not required to notify the Department. A delegated State or local agency may waive the requirement for notification of inspections.
- (2) Inspection results. The permittee shall submit a copy of the inspection record (required in §63.1065) when inspection failures occur.
- (3) Requests for alternate devices. The owner or operator requesting the use of an alternate control device shall submit a written application including emissions test results and an analysis demonstrating that the alternate device has an emission factor that is less than or equal to the device specified in §63.1063.
- (4) Requests for extensions. An owner or operator who elects to use an extension in accordance with §63.1063(e)(2) shall submit the documentation required by those paragraphs.

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 010 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

Each internal floating roof shall be fitted with a primary seal and shall comply with the following equipment requirements:

- (a) a closure seal(s) to close the space between the roof edge and tank wall is used,
- (b) there are no holes, tears, or other openings in the seal or any seal fabric or materials, and
- (c) openings except stub drains are equipped with covers, lids or seals such that:
 - (1) the cover, lid or seal is in the closed position at all times except when in actual use,
 - (2) automatic bleeder vents are closed position at all times except when the roof is floated off or landed on the roof leg supports, and
 - (3) rim vents, if provided are set to open when the roof is being floated off the roof leg supports or at the recommended setting of the manufacturer.

011 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which such storage takes place.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The permittee shall equip and operate the internal floating roof gasoline storage tank according to the applicable requirements in §63.1063(b), as specified below:

- (a) the floating roof shall float on the stored liquid surface at all times, except when the floating roof is supported by its leg supports or other support devices (e.g., hangers from the fixed roof);
- (b) when the storage vessel is storing liquid, but the liquid depth is insufficient to float the floating roof, the process of filling to the point of refloating the floating roof shall be continuous and shall be performed as soon as practical;
- (c) each cover over an opening in the floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall be closed at all times, except when the cover must be open for access;
- (d) each automatic bleeder vent (vacuum breaker vent) and rim space vent shall be closed at all times, except when required to be open to relieve excess pressure or vacuum, in accordance with the manufacturer's design; and
- (e) each unslotted guidepole cap shall be closed at all times except when gauging the liquid level or taking liquid samples.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11087]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline storage tanks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

The internal floating roof (IFR) shall be equipped with a mechanical shoe seal, as per 40 CFR §§ 63.11087(a) and 63.1063(a)(1)(i)(B).

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]**Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

The permittee shall comply with the repair requirements as specified in 40 CFR §63.1063(e), If a floating roof fails an inspection:

- (1) If the inspection is performed while the storage vessel is not storing liquid, repairs shall be completed before the refilling of the storage vessel with liquid.
- (2) If the inspection is performed while the storage vessel is storing liquid, repairs shall be completed or the vessel removed from service within 45 days. If a repair cannot be completed and the vessel cannot be emptied within 45 days, the

SECTION D. Source Level Requirements

owner or operator may use up to 2 extensions of up to 30 additional days each. Documentation of a decision to use an extension shall include a description of the failure, shall document that alternate storage capacity is unavailable, and shall specify a schedule of actions that will ensure that the control equipment will be repaired or the vessel will be completely emptied as soon as practical.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

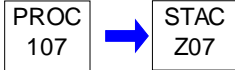
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 107

Source Name: FUGITIVE EMISSIONS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

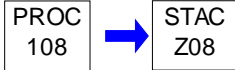
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 108

Source Name: EQUIPMENT IN GASOLINE SERVICE

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.**# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11089]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for equipment leak inspections if my facility is a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station?**

[Additional authority for this permit condition is also derived from 25 Pa. Code 127.441.]

The permittee shall perform a monthly leak inspection of all equipment in gasoline service. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.

IV. RECORDKEEPING REQUIREMENTS.**# 002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11089]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for equipment leak inspections if my facility is a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station?**

[Additional authority for this permit condition is also derived from 25 Pa. Code 127.441.]

- (a) A log book shall be used and shall be signed by the operator at the completion of each leak inspection.
- (b) A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.
- (c) Each detection of a liquid or vapor leak shall be recorded in the log book.

003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my recordkeeping requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code 127.441.]

The permittee shall keep the following records for the equipment leak inspection, as specified in 40 CFR § 63.11094(d) & (e):

- (a) The permittee shall maintain a record describing the types, identification numbers, and locations of all equipment at this facility. For the permittee electing to implement an instrument program under 40 CFR § 63.11089, the record shall contain a full description of the program.
- (b) The permittee shall record in the log book for each leak that is detected the information specified in (1) through (7), below:

**SECTION D. Source Level Requirements**

- (1) the equipment type and identification number;
- (2) the nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell);
- (3) the date the leak was detected and the date of each attempt to repair the leak;
- (4) repair methods applied in each attempt to repair the leak;
- (5) "repair delayed" and the reason for the delay if the leak is not repaired within fifteen (15) calendar days after discovery of the leak;
- (6) the expected date of successful repair of the leak if the leak is not repaired within fifteen (15) days; and
- (7) the date of successful repair of the leak.

V. REPORTING REQUIREMENTS.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11089]
Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
What requirements must I meet for equipment leak inspections if my facility is a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station?

[Additional authority for this permit condition is also derived from 25 Pa. Code 127.441.]

- (a) the permittee shall submit applicable notifications and reports, as specified in 40 CFR §§ 63.11093 and 63.11095, in Section C, of this permit.
- (b) excess emissions events and the information to be included in the excess emissions report are specified in 40 CFR § 63.11095(b)(5).

VI. WORK PRACTICE REQUIREMENTS.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11089]
Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
What requirements must I meet for equipment leak inspections if my facility is a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station?

[Additional authority for this permit condition is also derived from 25 Pa. Code 127.441.]

- (a) When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than five (5) calendar days after the leak is detected.
- (b) Repair or replacement of leaking equipment shall be completed within fifteen (15) calendar days after detection of each leak, except as provided in paragraph (c), below.
- (c) Delay of repair of leaking equipment will be allowed if the repair is not feasible within fifteen (15) days.

VII. ADDITIONAL REQUIREMENTS.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11100]
Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
What definitions apply to this subpart?

This source consists of each valve, pump, pressure relief device, sampling connection system, open-ended valve or line, and flange or other connector in the gasoline liquid transfer and vapor collection systems. It also includes the entire vapor processing system.

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 708

Source Name: OIL/WATER SEPARATOR

Source Capacity/Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: C05

Source Name: MCGILL VAPOR RECOVERY UNIT

Source Capacity/Throughput:

N/A

GASOLINE AND DISTILLATE

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11088]****Subpart BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What requirements must I meet for gasoline loading racks if my facility is a bulk gasoline terminal, pipeline breakout station, or pipeline pumping station?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.59.]

The permittee shall ensure that the VOC emissions into the outdoor atmosphere from this Vapor Recovery Unit (VRU) during the loading of gasoline into gasoline tank trucks does not exceed 80 mg/L gasoline loaded.

[The emission limit is expressed in terms of total organic compounds in this permit.]

Control Device Efficiencies Restriction(s).**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall adhere to the following range for the process indicators to ensure that the VOC emissions are in compliance with the emission limit of 80 mg/L, as specified in Condition #001.

(a) Vacuum reading of carbon vessels: at or greater than 22" Hg (vacuum) for at least 3 minutes.

(b) Gasoline flowrate to the absorber: at or greater than 30 gallon per minute.

(c) The VRU control system shall switch from one carbon vessel to another every 15 minutes, regardless of the saturation level.

(d) The CMS shall have a detection range of 0 to 5%, measured as propane. The CMS alarm system shall set at:

- (1) one hour high at 1.75% -- Warning
- (2) two hour high at 2.0% -- Shutdown
- (3) instantaneous alarm at 4.0% -- Shutdown

II. TESTING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall conduct the stack test and performance test, as per the testing requirements under Source ID 105, of this permit.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR §63.11092.]

The permittee shall monitor the following daily, when manned,

(a) maximum vacuum reading and vacuum duration of each carbon vessel during the regeneration, and

**SECTION D. Source Level Requirements**

(b) gasoline flowrate to the absorber.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11098]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What parts of the General Provisions apply to me?**

The permittee shall calibrate the CMS daily, checking the zero (low-level) and high-level calibration drifts, as specified in 40 CFR §63.8(c)(2) through (8).

(a) The zero and high-level calibration drifts must be adjusted, at a minimum, whenever the 24-hour zero drift exceeds two times the limits of the manufacturer's performance specification.

(b) The CMS is out of control if

- (1) the zero and mid-level, or high-level calibration drift (CD) exceeds the two times the manufacturer's specification; or
- (2) the CMS fails a performance test audit, relative accuracy audit, relative accuracy test audit, or linearity test audit.

(c) When the CMS is out of control, the permittee shall take the necessary corrective action and shall repeat all necessary tests. During the period the CMS is out of control, recorded data shall not be used in data averages and calculations.

IV. RECORDKEEPING REQUIREMENTS.**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall record the following process indicators of this source in a permanent log, daily when manned,

- (a) maximum vacuum reading and vacuum duration of each carbon vessel during the regeneration, and
- (b) gasoline flowrate to the absorber.

007 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR §63.11094(g).]

For the VRU, the permittee shall record the following information for each excursion and malfunction:

- (a) The date, time, and duration of the excursion or malfunction.
- (b) The probable cause(s).
- (c) The corrective action(s) taken to minimize emissions in accordance with §63.11085(a).

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11094]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What are my recordkeeping requirements?**

[Additional authority for this permit condition is also derived from 40 CFR 63 §§63.8 and 63.10.]

The permittee shall keep the following records for CMS, as specified in §63.11094(f):

- (a) The permittee shall keep an up-to-date, readily accessible record of the CMS data required under §63.11092(b). This record shall indicate the time intervals during which loadings of gasoline cargo tanks have occurred or, alternatively, shall record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record.

**SECTION D. Source Level Requirements**

(b) The permittee shall keep all records of the CMS, including:

- (1) measured VOC concentration (ppm or mg/L), as 1-hour averages computed over at least 4 or more data points equally spaced over each 1-hour period, except during periods when calibration, or maintenance activities. During these periods, a valid hourly average shall consist of at least two data points with each representing a 15-minute period.
- (2) each period during which the CMS is malfunctioning or inoperative.
- (3) the required measurements needed to demonstrate compliance with a relevant standard.
- (4) the results of performance tests, CMS performance evaluations.
- (5) the CMS calibration checks.
- (6) the adjustments and maintenance performed on the CMS.

V. REPORTING REQUIREMENTS.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11095]

Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

What are my reporting requirements?

The permittee shall submit applicable notifications and reports, as specified in §§63.11093 and 63.11095, in Section C, of this permit.

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11098]

Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

What parts of the General Provisions apply to me?

The permittee shall submit all information concerning CMS out-of-control periods, including start and end dates and hours and descriptions of corrective actions taken, in the excess emissions and CMS performance reports as required in §63.10(e)(3).

[Compliance with this permit condition assures compliance with 40 CFR §63.8(c)(8).]

VI. WORK PRACTICE REQUIREMENTS.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 CFR §63.11092.]

(a) Any period of time, in which the VRU is not operated in accordance with any one of the defined range in Condition #002, shall be defined as an excursion.

(b) As specified in §63.11092(d)(4), malfunctions that are described in paragraph (a), above, shall not constitute a violation of the emission standard in §63.11088(a) if corrective actions as described in the monitoring and inspection plan are followed. The permittee shall:

- (i) Initiate corrective action to determine the cause of the problem within 1 hour;
- (ii) Initiate corrective action to fix the problem within 24 hours;
- (iii) Complete all corrective actions needed to fix the problem as soon as practicable consistent with good air pollution control practices for minimizing emissions;
- (iv) Minimize periods of start-up, shutdown, or malfunction; and
- (v) Take any necessary corrective actions to restore normal operation and prevent the recurrence of the cause of the problem.

**SECTION D. Source Level Requirements****# 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11092]****Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What testing and monitoring requirements must I meet?**

The permittee shall calibrate, certify, operate, and maintain the CMS while gasoline vapors are displaced to the vapor processor systems, according to the manufacturer's specifications and/or recommendations, as specified in §63.11092(b)(1)(i)(A).

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11098]**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities****What parts of the General Provisions apply to me?**

[Additional authority for this permit condition is also derived from 40 CFR §63.8(c).]

The permittee shall comply with the applicable requirements as specified in Table 3 to 40 CFR Part 63 Subpart BBBBBB:

- (a) The permittee shall keep necessary parts for routine repairs of the CMS equipment readily available.
- (b) The CMS shall be installed such that representative measures of VOC emissions are obtained. The read out of the CMS (either visual display or data recording), is readily accessible on site for operational control or inspection by the operator(s).
- (c) The CMS shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period.

VII. ADDITIONAL REQUIREMENTS.**# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source consists of the following main components:

- (a) one condensate tank receiving VOC vapor from loading tanks,
- (b) two carbon vessels, each equipped with a vacuum gauge,
- (c) one vacuum pump for regenerating carbon vessels,
- (d) one absorbent column equipped with liquid level control and a pressure gauge,
- (e) lean and rich absorbent liquid (gasoline) pumps, and
- (f) one CMS system (manufactured by Jordan, Model No.: JS-GDG11)

***** Permit Shield in Effect. *****



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.

**SECTION F. Emission Restriction Summary.**

Source Id	Source Description		
105	GASOLINE LOADING RACK		
Emission Limit		Pollutant	
80.000	mg/L	as TOC	VOC
C05	MCGILL VAPOR RECOVERY UNIT		
Emission Limit		Pollutant	
80.000	mg/L	as TOC	VOC

Site Emission Restriction Summary

Emission Limit		Pollutant
114.350 Tons/Yr	12 month rolling	VOC
9.950 Tons/Yr	single HAP	Hazardous Air Pollutants
24.950 Tons/Yr	total HAPS	Hazardous Air Pollutants



SECTION G. Miscellaneous.

(A) This Operating Permit is a compilation of applicable requirements from the following permits:

- Operating Permits: 15-312-001 and 15-312-009A.
- General Operating Permits: 15-312-030GP and 15-312-009A.

(B) The Department has determined that the emissions from the following activities, excluding those indicated as site level requirements, in Section C of this permit, do not require limitations, monitoring, or recordkeeping:

- (1) Additive Storage Tank.
- (2) Heating Oil Storage Tanks for Furnace (2).
- (3) Furnace for Office Heat.
- (4) Oil/Water Separator.

This Administrative Amendment to the original Title V permit issued 8/25/1999 addresses change of ownership from Sunoco Inc (R&M) to Sunoco Partners Marketing & Terminals L.P. The amendment is issued on November 1, 2002.

ASP No. 356006, AUTH No. 634894, Date: March 2009 - This is a renewal of Title V Operating Permit: The applicable requirements of CAM and 40 CFR Part 63 Subpart BBBBBB are included.

APS No. 584952, AUTH No. 1002475, Date: March 2014 - This is a renewal of Title V Operating Permit:

- Source ID 108 - Equipment in Gasoline Service, and Source ID 201 - Smith Boiler are created.
- The applicable requirements of 40 CFR 63 Subpart BBBBBB are added.
- The applicable requirements of 40 CFR 63 Subpart JJJJJJ are added.
- The CAM requirements are removed.

May 2019. APS: 584952, AUTH ID: 1242826. TVOP renewal. No changes in sources or applicable regulations at this time.



***** End of Report *****
